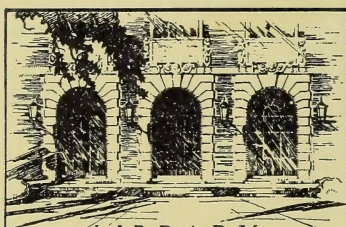


LIBRARY
OF THE
UNIVERSITY
OF ILLINOIS

^C
Ad 3H
1904/05-
1911/12



LIBRARY
OF THE
UNIVERSITY
OF ILLINOIS

^C
Ad 3H
1904/05-
1911/12



Digitized by the Internet Archive
in 2012 with funding from
University of Illinois Urbana-Champaign

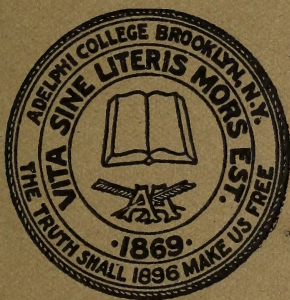
3H
-05

LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

Library

Adelphi

College



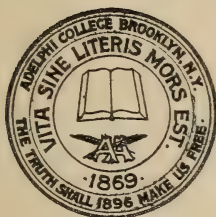
**Catalog
1904-1905**

ADELPHI COLLEGE

LIBRARY
UNIVERSITY

CATALOG.

1905.



Lafayette Avenue, St. James Place and Clifton Place,
BROOKLYN, N. Y.

PUBLISHED FOR THE COLLEGE.

1905.

CALENDAR.

1905-1906.

- Commencement. Tuesday, June 13, 1905.
 Entrance examinations held at Adelphi
 College under the auspices of the College
 Entrance Examination Board Monday, June 19, to Saturday,
 June 24, 1905.
 For terms, address: Sec. of Coll. Entr. Exam. Board.
 Sub-Station 84, New York City.
 First Semester begins Wednesday, September 20, 1905.
 Entrance Examinations at the College..... September 20-22, 1905.
 Recitations begin Monday, September 25, 1905.
 Second Semester begins January 31, 1906.
 Mid-Year Convocation February 2, 1906.
 Commencement Thursday, June 14, 1906.

HOLIDAYS.

- Thanksgiving Day and the following day, Washington's Birthday, Lincoln's Birthday, Decoration Day, and Election Day.
 Spring Recess, 1905—April 21, 1905, to April 30, 1905, inclusive.
 (Exercises close at the end of the afternoon session, Thursday, April 20, 1905. Exercises resumed at 8.50 A. M., Monday, May 1.)
 Christmas Recess, 1905-06—December 23, 1905, to January 1, 1906, inclusive.
 (Exercises close at the end of the afternoon session, Friday, December 22, 1905. Exercises resumed at 8.50 A. M., Tuesday, January 2, 1906.)
 Spring Recess, 1906—April 13, 1906, to April 22, 1906, inclusive.
 (Exercises close at the end of the afternoon session, Thursday, April 12, 1906. Exercises are resumed Monday morning, April 23, 1906.)

OFFICE HOURS

- The President, daily, on and after September 18, 9.15 to 10.30 A. M.
 The Bursar, session days, on and after September 11, 9 A. M., to 12 M.;
 2 P. M. to 4 P. M.
 The Dean of the college women, in Room 51, from 9.15 A. M. to 10.00 A. M., session days; for students in teachers' courses Tuesdays, 3.30 to 5.00 P. M.

The Dean of the college men in Room 70; for students in teachers' courses, Tuesdays until Nov. 1st, 3.30 to 5.00 P. M.

Superintendent of the Normal course. For teachers and students, Mondays, 4 to 5 P. M., Room 1. For the public, Wednesdays, 2 to 3 P. M., Room 1.

The Secretary of the Faculty, Fridays, 2.30 to 4 P. M., in the Registrar's office.

Directors of Physical Education: Dr. Pettit, every morning, except Saturday, 8.30 to 9.15; Thursdays and Fridays, 2 to 3 P. M.; Miss Flagler, Mondays and Wednesdays, 11 A. M. to 12 M.

The Art School is open to visitors for inspection on Wednesday mornings.

The Library is open session days, 8.30 A. M. to 5 P. M.

The Gymnasium is open session days, 9 A. M. to 5 P. M.; Saturdays, at the pleasure of the Director, 9 A. M. to 12 M.

The Registrar's office, Clifton Place entrance, is open daily from 8.20 to 4.30, on and after September 11th, except on holidays and during the usual recesses of the school. From the first of September until the Monday before the beginning of the first semester, the Registrar's office is open mornings only from 8.30 A. M. to 12 M.

For catalogs and other information address "The Registrar, Adelphi College, Brooklyn."

BOARD OF TRUSTEES.

Names, except that of the President, in order of seniority.

TIMOTHY L. WOODRUFF, <i>President</i>	94	Eighth Avenue.
REV. CHARLES W. HOMER, D.D.....	73	St. James Place.
ROBERT D. BENEDICT, <i>Vice-President</i>	363	Adelphi Street.
JOHN A. TAYLOR.....	159	South Oxford Street.
CHARLES H. LEVERMORE.....	30	St. James Place.
JEROME E. MORSE.....	129	St. James Place.
ANNIE G. TRUSLOW (Mrs. F. C. Truslow) ..	61	So. Portland Ave.
AMELIA B. HOLLENBACK (Mrs. J. W. Hollenback),		460 Washington Avenue.
JOHN N. BEACH.....	178	South Oxford Street.
JOHN C. KELLEY	247	Hancock Street.
CLINTON L. ROSSITER.....	48	Montgomery Place.
MATTHEW HINMAN.	480	Vanderbilt Avenue.
HENRY U. PALMER.....	216	Clinton Avenue.
MARY E. BUTTERICK	406	Franklin Avenue.
DAVID H. VALENTINE.....	188	Hancock Street.
FREDERICK E. CRANE, <i>Secretary</i>	854	Prospect Place.
REV. S. PARKES CADMAN, D.D.....	2	Spencer Place.
L. ROWLEY PHILLIPS	191	Gates Avenue.
HERBERT K. TWITCHELL	153	So. Oxford Street.
CHARLES J. McDERMOTT	495	Eighth Avenue.
LUDWIG NISSEN	1397	Dean Street.
WILLARD H. WHEELER	274	Washington Ave.
LLEWELLYN A. WRAY	1165	Dean Street.

OFFICERS AND COMMITTEES.

TIMOTHY L. WOODRUFF.....*President.*
 ROBERT D. BENEDICT..... *Vice-President.*
 CLINTON L. ROSSITER*Treasurer.*
 FREDERICK E. CRANE.....*Secretary.*

Executive Committee: TIMOTHY L. WOODRUFF, ROBERT D. BENEDICT, CLINTON L. ROSSITER, FREDERICK E. CRANE, HERBERT K. TWITCHELL, CHARLES H. LEVERMORE, HENRY U. PALMER, JOHN N. BEACH, CHARLES J. McDERMOTT.

Finance Committee: HERBERT K. TWITCHELL, L. ROWLEY PHILLIPS, JOHN C. KELLEY, LUDWIG NISSEN, WILLARD H. WHEELER.

Committee on Instruction: CHARLES H. LEVERMORE, JEROME E. MORSE, JOHN A. TAYLOR, ANNIE G. TRUSLOW, MARY E. BUTTERICK, FREDERICK E. CRANE.

Committee on Buildings and Grounds: HENRY U. PALMER, AMELIA B. HOLLENBACK, DAVID H. VALENTINE, JOHN N. BEACH, CHARLES J. McDERMOTT.

Art School Committee: MATTHEW HINMAN, MARY E. BUTTERICK, AMELIA B. HOLLENBACK, JOHN C. KELLEY, S. PARKES CADMAN.

In Memoriam.

Hayden W. Wheeler.

The Trustees of Adelphi College and Adelphi Academy wish to record the great sorrow which has been caused to them by the death of their associate, Hayden W. Wheeler, on October 28, 1904.

Mr. Wheeler was elected a Trustee on May 21, 1877, and had therefore at his death served this institution for more than twenty-seven years. Only two Trustees have had a longer term of service. For the last eleven years he has been the Treasurer. No one has ever rendered to the institution more faithful or efficient service. The Adelphi became dear to him as a child, and he gave to her his thought and care, his time and means without stint and without reluctance. Intercourse with him produced the deepest respect, the most utter confidence, the sincerest affection. He was honorable, true, just, wise, faithful, patient, kind, hopeful. Such men are rare. The sense of loss is overwhelming—of loss to the institution which he served so well—of loss to the Trustees, in whom his influence always inspired hope and confidence. In the minds and hearts of the Trustees, as of all who knew him, the memory of his life will always be a memory of those actions of the just, which “smell sweet and blossom in the dust.”

OFFICERS OF INSTRUCTION AND GOVERNMENT.

EXECUTIVE OFFICERS.

CHARLES HERBERT LEVERMORE, Ph.D., President of the College.

WILLIAM CLARK PECKHAM, A.M., Dean of College Men.

ALICE BLYTHE TUCKER, A.M., Dean of College Women.

ADELBERT GRANT FRADENBURGH, Ph.D.,

Secretary of the College Faculty.

JOHN BARNARD WHITTAKER, Superintendent of the Art School.

ANNA E. HARVEY, Superintendent of the Normal School.

FACULTY OF THE COLLEGE.

(NAMES OF THE FACULTY, EXCEPT THAT OF THE PRESIDENT, STAND IN ORDER OF APPOINTMENT TO PROFESSORSHIPS OR ASSISTANT-PROFESSORSHIPS.)

CHARLES HERBERT LEVERMORE, B.A., (Yale, '79).

Ph.D. (Johns Hopkins, '86), President.

FREDERICK WEBSTER OSBORN, B.A., A.M. (Yale, '55, '58),

Professor of Psychology and Philosophy.

WILLIAM CLARK PECKHAM, B.A., A.M. (Amherst, '67, '70),

Professor of Physics.

WILLIAM WALDEMAR SHARE, Ph.B., Ph.D. (Columbia, '81, '84),

Professor of Chemistry and Geology.

HENRY STOUT PETTIT, M.D. (L. I. College Hospital, '90),

Director of the Gymnasium and Professor of Physical Education.

WILLIAM CRANSTON LAWTON, B.A. (Harvard, '73),

Professor of the Greek Language and Literature.

ELIZABETH VENABLE GAINES, B.A. (Adelphi, '98),

M.A. (Columbia, '04), Professor of Biology.

VIOLETTE EUGENIE SCHARFF, B.A. (Adelphi, '00), M.A. (Columbia, '04), Officier d'Académie, Professor of the French Language and Literature. *Absent on leave.*

FACULTY OF THE COLLEGE—Continued.

JOHN A. SANFORD, B.A. (Brown, '82), Ph.D. (Univ. of Minn., '94),
Professor of the Latin Language and Literature.

JOSEPH BOWDEN, B.A., Ph.D. (Yale, '97),
Professor of Mathematics.

JOHN HYATT BREWER, Fellow of American Guild of Organists, 1902,
Professor of Music.

ADELBERT GRANT FRADENBURGH, B.A. (Allegh. Coll., '90),
Ph.D. (Univ. Wis., '94), Professor of History and Politics.

ERNEST NORTON HENDERSON, B.A., M.A. (Univ. of Cal., '93, '94),
Ph.D. (Columbia, '03), Professor of Education and Psychology.

JOHN FIRMAN COAR, (Kaiser Wilhelm Gymn., Koeln, '84),
M.A., Ph.D. (Harvard, '97, '00),
Professor of the German Language and Literature.

CHARLES BELL BURKE, B.A. (Harvard, '91), Ph.D. (Cornell, '01),
Professor of the English Language and Literature.

WILLIAM ALEXANDER ROBB KERR, B.A., M.A. (Toronto, '99, '01),
M.A., Ph.D. (Harvard, '02, '04), Acting Professor of the French
Language and Literature.

WILLIAM PHELPS MACFARLANE,
Assistant Professor of Oratory and Elocution.

ALICE BLYTHE TUCKER, B.A., M.A. (Toronto, '96, '00),
Assistant Professor of the English Language and Literature.

INSTRUCTORS.

LOUISE BOTH-HENDRIKSEN, Instructor in the History of Art.

HON. FREDERICK E. CRANE, Lecturer upon Law.

FRANCES H. FLAGLER, Instructor in Physical Education.

ALEXANDER JOHNSON, Lecturer upon Sociology.

L. LELAND LOCKE, B.A., M.A. (Grove City Coll., '96, '00),
Instructor in Mathematics.

INSTRUCTORS—Continued.

- ELIZA MARIA MOSHER, M.D. (Michigan, '75),
Lecturer upon Hygiene.
- SARAH ELIZABETH SCOTT, M.A. (Adelphi, '98),
Instructor in Pedagogics.
- EDWIN PLATT TANNER, B.A., M.A. (Columbia, '97, '98),
Instructor in History.

ADMINISTRATIVE OFFICERS AND ASSISTANTS.

- CHARLOTTE MORRILL, M.A. (Adelphi, '04).....Registrar
- EMILY BURNS MITCHELLBursar
- MABEL FARR Librarian
- JOHN G. EWING Superintendent of Buildings
- ANNA CADLE OAKMAN Assistant Bursar
- AZUBA B. WILEY Secretary
- VIOLA DAVIS.....Assistant

ADELPHI COLLEGE.

COURSES AND DEGREES.

Adelphi College was incorporated by the Regents of the University of the State of New York, at Albany, Wednesday, June 24, 1896. The degrees issued by Adelphi bear the seals of both the University and the College, and are signed by the Chancellor and Secretary of the Board of Regents, as well as by the officers of the College. The courses of study in Adelphi College are arranged so that students who are qualified to enter the Freshman class may begin work either in September or in February of the Freshman year. Eight semesters of work are required for graduation. Students who complete their preparatory work in the local high schools or elsewhere at the mid-year, may therefore continue their studies at once in Adelphi College without loss of time.

A junior college certificate is granted at the close of the Sophomore year to all students who have satisfactorily completed all the prescribed work of the first two college years.

Students who complete the required amount of work in either the Language or the Literary Course, to the satisfaction of the Faculty, will receive the degree of Bachelor of Arts; in the Scientific Course they will, under similar conditions, receive the degree of Bachelor of Science. The course of study may be completed either in January or in June, but the conferring of degrees will occur at the June Commencement and not at the mid-year Convocation, unless in exceptional cases. Students in the Language Course who are candidates for a degree must offer at least one year's work in a science with laboratory practice; in the Literary Course, at least two similar courses in science are required. All courses in Adelphi College are open to students without any restrictions concerning sex.

Fifteen hours a week of class-room work, exclusive of laboratory hours and of time for physical education, are required in each of the first two years. In each of the Junior and Senior years, fourteen hours a week of class-room work are required, and students may not select more than six hours a week of work in any one department. All choice of optional studies is subject to the approval of the Faculty. The students in the Scientific Course who wish to make a more technical study of the sciences than is outlined in the Conspectus can do so under the direction of the Faculty.

To students who intend to become teachers, the college courses offer especial advantages in the pedagogical options, which permit a student to present studies preparatory for teaching, as a part of the work leading to a degree. Students who complete satisfactorily these pedagogical studies and win the Bachelor's degree can gain admission directly to the city examinations for licenses to teach in the public schools.

The degree of Master of Arts may be awarded by the Faculty of Adelphi College on the following conditions:

1. The candidate must be a Bachelor of Arts (or a Bachelor of Science) of Adelphi College, or must have concluded a course of undergraduate study in some other institution which the Faculty of Adelphi College approves as the equivalent of the undergraduate course in Adelphi College. Special conditions may in some cases be imposed for admission to candidacy of a student who is not a Bachelor of Arts or a Bachelor of Science of Adelphi College.

2. All applicants for admission to candidacy for the degree of Master of Arts must submit to the Secretary of the Faculty an official record of their previous studies, which record in the cases of applicants not Bachelors of Arts or Bachelors of Science of Adelphi College, shall be approved by the Faculty before the applicant is admitted to candidacy for the degree of Master of Arts. This record must be submitted on or before the last Wednesday in September.

3. The ordinary requirement for the degree of Master of Arts consists of a full year of residence-study approved by the Faculty as affording suitable preparation for the degree, and completed with high credit.

4. The applicant shall submit on or before the last Wednesday of September, to the Secretary of the Faculty, for approval by the Faculty, a program of the studies which the applicant purposes to pursue as a candidate for the degree of Master of Arts. The program of study must form a consistent plan of work, to be pursued with some definite aim, but need not lie wholly in *one* department or field. It must not include studies or courses which (or the equivalent of which) have formed part of the candidate's undergraduate work and have been counted toward the degree of Bachelor of Arts or Bachelor of Science.

5. The work approved by the Faculty as affording a suitable preparation for the degree of Master of Arts must ordinarily consist of at least *three* courses of instruction of advanced grade pursued for two semesters each or of the equivalent of three such courses, and of special work carried on with the approval of the department or departments in whose field the special work is done and under the direction of one of its instructors. These courses should involve at least the equivalent of twelve hours of class-room work. The results of this special study must be embodied in a thesis satisfactory to a Committee of the Faculty, which thesis shall be submitted not later than May 1st, to the Secretary of the Faculty for approval by the Faculty.

6. Candidates for the degree of M. A. will be given a final written examination upon all work taken in preparation for that degree.

7. The following courses offered at Adelphi College have been approved by the Faculty as affording suitable preparation for the degree of Master of Arts, provided they have not been offered by the candidate for the degree of B. A. or B. S.; the numbers refer to the descriptive paragraphs correspondingly numbered under the caption, "Courses of Study," in the latest issue of the College catalog or circular:

Biology—19, 20; Chemistry—29, *a* & *b*; 31, 33; Economics—39, 40; Education—46, 47, 50; English—67, 68, 69, 70, 71, 72, 73, 74; French—85, 86, 87, 88, 89, 90, 93, 94; Geology—97, 98; German—101, 102, 103, 104, 105, 106, 108, 109; Greek—115, 116, 117, 118, 119, 120; History and Polit.—129, 130, 131, 132, 137, 138; Italian—143; Latin—147, 148, 149, 150, 151, 152; Mathematics—169, 170, 171, 172, 174, 175, 176, 177, 178; Mineralogy—179 *a* & *b*, 181; Music—185; Philosophy—189, 190, 191; Physics—197, 198, 199, 200; Psychology—211; Sociology—214, 215, 216, 217.

8. Any one of these courses will ordinarily be given if so many as five students apply for it. As a general rule courses involving advanced work in any department and not included in the foregoing list can be given if called for by not less than ten students.

REQUIREMENTS FOR ADMISSION.

Applicants for admission to the Freshman Class must be at least fifteen years of age and able to pass satisfactory examinations in the subjects required for admission to any one of the three courses as designated below.

Special students of a mature age, not candidates for a degree, may be admitted to courses of study which they are competent to pursue, upon presentation of satisfactory evidence of proficiency.

I. ENGLISH.

NOTE—No candidate will be accepted in English whose work is notably deficient in point of spelling, punctuation, idiom, or division into paragraphs.

The candidate may offer preparation in the uniform college entrance requirements in English, as follows:

1. *Reading.* The candidate will be required to present evidence of a general knowledge of the subject matter of the books here named and to answer questions concerning the lives of the authors. The form of the test will usually be the writing of paragraphs upon chosen topics.

In connection with these tests, the candidates may present an exercise-book, properly certified by an instructor, containing compositions or other written work done in connection with the reading of the books. The books set for this part of the examination are:

In 1905: *Ivanhoe*; *The De Coverley Papers*; *The Vicar of Wakefield*; *The Princess*; *The Ancient Mariner*; *Silas Marner*; *The Merchant of Venice*; *Julius Cæsar*; *The Vision of Sir Launfal*; *Carlyle's Essay on Burns*.

In 1906, 1907, 1908: *Shakspeare's Macbeth* and *The Merchant of Venice*; *The Sir Roger De Coverley Papers*; *Irving's Life of Goldsmith*; *Coleridge's The Ancient Mariner*; *Scott's Ivanhoe* and *The Lady of the Lake*; *Tennyson's Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; *Lowell's The Vision of Sir Launfal*; *George Eliot's Silas Marner*.

2. This part of the examination presupposes a more careful study of each of the works named below. The examination will be upon subject matter, form, and structure.

In 1905: *Macbeth*; *Burke's Speech on Conciliation with America*; *Macaulay's Essays on Milton and Addison*; *Milton's Minor Poems* (*Comus*, *Lycidas*, *L'Allegro*, *Il Penseroso*).

In 1906, 1907, 1908: The same books as in the foregoing list, excepting that *Shakspeare's Julius Cæsar* is to be substituted for *Macbeth*, and *Macaulay's Life of Johnson* is to be substituted for the essay on *Addison*.

2. FRENCH.

a. Minimum requirement. A knowledge of fundamental principles of grammar; as, rules for the formation of the plural and of the feminine in nouns and adjectives, the use of the articles, the place of the pronouns, and the regular and irregular verbs. Reading of two French books, as "Colomba," by Merimée; "L'Abbé Constantin," by Halévy; and of two plays arranged by Bôcher, such as "Mademoiselle de la Seiglière," by J. Sandeau; and "Le roman d'un jeune homme pauvre," by Feuillet. Equivalents may be offered.

b. Maximum requirement. A thorough knowledge of French grammar; use of the tenses, rules for the subjunctive and for the past participle, government of verbs, formation of adverbs, French idioms.

Reading: "Le Pêcheur d'Islande," Loti; "La Mare au Diable," G. Sand; "La Belle Nivernaise," Daudet; "La Tulipe Noire," Dumas; "Histoire de France," Ducoudray; "Quatre-vingt-treize," V. Hugo. *Composition,* based upon the books read. Ability to take part in recitations conducted in French. Equivalents may be offered.

3. GERMAN.

a. Minimum requirement. The rudiments of Grammar (Joynes-Meissner; Thomas), including irregular verbs, elementary rules of syntax, and word order. Translation at sight of German into English and English into German.

Readings: Brandt's Reader; Bernhardt's Novelletten; Storm's Immensee; or Riehl's Der Fluch der Schönheit. Equivalents may be offered.

b. Maximum requirement. An accurate knowledge of the principles of grammar, embracing inflections and syntax, the composition of words, the force of prefixes and suffixes, and the relation of the English and German consonantal changes. Sight translation. Ability to take part in recitations conducted in German. Reading of the following books: Lessing's Minna von Barnhelm; Schiller's Wilhelm Tell; Freytag's Aus dem Staat Friedrichs des Grossen; Goethe's Hermann und Dorothea. *Composition* based on books read, or Harris's Prose Composition. Equivalents may be offered.

4. GREEK.

Xenophon's Anabasis, 4 books; Homer's Iliad, 3 books; sight reading; Woodruff's Prose Composition.

5. LATIN.

Cæsar, 4 books or its equivalent; Cicero, 7 orations,—the oration on the Manilian Law to count as two; Vergil, *Æneid*, 6 books. Prose composition based upon Cæsar and Cicero. Sight reading.

6. HISTORY.

- a. Ancient History to the fall of the Roman Empire in the West.
- b. United States History.
- c. English History.

7. MATHEMATICS.

- a. Algebra, through Quadratics and Progressions; Plane Geometry.
- b. Advanced Algebra, or Solid Geometry.

8. SCIENCE.

- a. Physiology, including Elementary Biological Study, with laboratory practice.
- b. Chemistry, metals and non-metals, one year's study, with laboratory practice.
- c. Elementary Physics; introductory course may be covered in four weekly exercises for one semester with laboratory practice.
N. B.—This requirement (c) will be omitted after 1905.
- d. Physics, at least one year's study, five hours weekly, with laboratory practice.

Requirements for Admission to Each Course.

Of the subjects, numbered from 1 to 8, all candidates must be prepared to pass satisfactory examinations in the following:

English, 1; and Mathematics, 7, *a*, Algebra and Plane Geometry.

In addition, candidates for admission to either the Language Course or the Literary Course must be prepared in one of the following groups of subjects:

Group 1, Ancient History, 6, *a*; Latin, 5; Greek, 4; and either French or German minimum requirements, 2, *a*, or 3, *a*.

Group 2, Ancient History, United States History, and English History, 6, *a*, *b*, *c*, or other historical subjects which have been studied throughout two school years on a basis of four recitations a week; Science, Physiology, 8, *a*, and Elementary Physics, briefer course, 8, *c*; after June, 1905, this requirement in Science will be changed to the following form:

Physiology, 8, *a*, and either Chemistry or Physics, 8, *h*, or 8, *d*; Languages, any two of the following: French, maximum requirement, 2, *b*; German, maximum requirement, 3, *b*; Greek, 4; Latin, 5.

For the Scientific Course, the additional requirements are: United States History, 6, *b*; Science, Chemistry, 8, *b*, and Physics, 8, *d*; Mathematics, Advanced Algebra, or Solid Geometry, 7, *b*; Languages, any one of the following: Latin, 5; French, maximum requirement, 2, *b*; German, maximum requirement, 3, *b*.

EXAMINATIONS FOR ADMISSION.

In June, 1905, the entrance examinations of Adelphi College will be the examinations of the College Entrance Examination Board, of which Adelphi College is a member. These examinations will be held June 19-24, 1905, in the large study room on the second floor of the College Building (Clifton Place entrance).

All applications for examination must be addressed to the Secretary of the College Entrance Examination Board, Post-Office Sub-Station 84, New York, N. Y., and must be made upon a blank form to be obtained from the Secretary upon application.

Applications for examination at points in New England, the Middle States, or Maryland, must be received at the office of the Secretary not later than Monday, June 5th.

Applications for examination at other points in the United States or in Canada must be received not later than May 29th.

Applications for examination at points outside of the United States and Canada must be received not later than May 15th.

Applications received later than the dates named will be accepted when it is possible to arrange for the examination of the candidates concerned, but only upon payment of five dollars in addition to the usual examination fee. Candidates filing belated applications do so at their own risk.

The examination fee is five dollars for all candidates examined at points in the United States and Canada, and fifteen dollars for all candidates examined at points outside of the United States and Canada.

Competitive examinations for the Brooklyn High School Scholarships in Adelphi College are held at the College on Tuesday, Wednesday and Thursday in the week before Commencement. In 1905 these examinations fall upon June 6, 7, and 8.

Entrance examinations in September will be held at the College on Wednesday, Thursday and Friday, September 20-22, beginning at 9 A. M.

Applications for admission to these examinations should be sent to THE SECRETARY OF THE FACULTY, Adelphi College, on or before Monday, September 18th.

Entrance examinations in January for admission at the beginning of the second semester will be held on Thursday, Friday and Saturday, January 25-27, 1906. Applications for admission to these examinations should be sent to the Secretary on or before Monday, January 22d.

ORDER OF ENTRANCE EXAMINATIONS.

September 20, 21, 22, 1905.

FIRST DAY. WEDNESDAY.

Cæsar and Cicero.	9.00—10.30
English History.	10.30—12.00
Chemistry.	10.30—12.00
Anabasis.	10.30—12.00
Vergil and Sight Reading.	1.00— 3.00
German.	3.00— 4.30

SECOND DAY. THURSDAY.

English.	9.00—10.30
Iliad and Sight Reading.	10.30—12.00
Physics.	10.30—12.00
Algebra.	1.00— 3.00
United States History.	3.00— 4.30

THIRD DAY. FRIDAY.

Geometry.	9.00—11.00
Physiology.	11.00—12.00
Solid Geometry.	11.00—12.00
French.	1.00— 2.30
College Algebra.	2.30— 4.30
Ancient History.	2.30— 4.00

Admission by Diploma or Certificate.

Graduates of high schools and academies approved by Adelphi College who have successfully completed a four years' course in said high school or academy may be admitted to the Freshman class in Adelphi College upon the evidence of their diplomas. Such students may not become candidates for a degree of B.A. in the college unless they have given

satisfactory evidence that they have completed the required preparatory work in two languages other than English. They may not become candidates for the degree of B.S. unless they have given evidence of proficiency in one language other than English.

Preparatory schools which have received from the Faculty of Adelphi College the right of certification may issue to their students, who are candidates for admission to Adelphi College, certificates of scholarship which shall exempt the candidates from examination in the subjects satisfactorily covered by the certificate.

The Registrar of the College will furnish to the Principal of the preparatory school blank forms of the certificate to be used. All such certificates should be certified to and signed by the Principal of the school, or by responsible instructors in said school. The certificate should state explicitly under each subject of study the text-books used, the extent of the work done, the time devoted to it, with dates, and the amount of laboratory work, if any, performed. For subjects in Science the certificates must be accompanied by laboratory note-books.

Admission to Advanced Standing.

Candidates for admission to advanced standing will be required to pass satisfactory examinations upon the work already accomplished by the class to which they wish to be assigned.

COURSES OF STUDY OFFERED IN THE COLLEGE, INCLUDING THE NORMAL SCHOOL.

THE FINE ARTS.

1. **CAST DRAWING AND FREE-HAND PERSPECTIVE.** Study of light and shade, values and vanishing of lines and objects. Modeling in clay—type forms. Professor WHITTAKER.

2. **SKETCHING.** Figure Studies. Action, proportion and expression. Composition and Design. Illustration. Professor WHITTAKER.

3. **LINEAR PERSPECTIVE.** Application to interiors and landscapes. Professor WHITTAKER.

4. **PAINTING** in all mediums, from still life and the living model. Professor WHITTAKER.

5. INSTRUMENTAL DRAWING. Projection drawing, plane sections, developments, and the construction of working drawings. Mr. LOCKE.

6. DRAWING AND COLOR-WORK. Freehand and blackboard drawing, water-color, perspective and design, sketching from nature and objects. Normal School both years, twice a week. Miss MORSE.

7 and 8. HISTORY OF ART. An examination into the rise and progress of Ancient and Classic Art and the evolution of the Fine Arts in modern times, illustrated by pictures, lantern slides, and collateral readings. Text-book: D'Anvers' "History of Art." References: Vasari's "Lives of the Painters"; Ruskin's "Modern Painters" and "Stones of Venice," with other works of reference and periodicals in the Library. Sophomore year. Language and Literary Courses; two hours a week. Miss BOTH-HENDRIKSEN.

(a) *History of Painting* (twice a week).—Egyptian, Assyrian, Greek, Roman and Byzantine.

Italian Art.—Early renaissance, development and golden age.

Venetian Art.—Its growth, truth and splendor.

Art in Flanders and Holland.—Likeness and difference.

Art in France.—Peculiar influences and steady development. The four great periods.

Art in Spain.—Mysticism and Realism.

Art in Germany.—Causes of uneven development. Early period; late period.

Art in England.—Reasons for its late development. Tendency to social satire, portraiture and landscape.

(b) *History of Architecture and Modern Sculpture* (twice a week).—Egyptian and Assyrian temples, tombs and palaces. Greek temples, orders and carving. Periods of Phidias, Praxiteles and Alexander. Roman Architecture; Early Christian, Byzantine and Romanesque styles. Gothic style and sculpture: Pointed arch superseding the round arch. Decadence: Renaissance architecture and sculpture.

9. THEORY OF ART AND SPECIAL STUDY OF NINETEENTH CENTURY ART. Technique, Execution and Composition. Beauty in Art. Unity, its application to composition. Principles of Construction: The arch, lintel, column. Development of house and costume as regards Art. Application of Ornament. Kinds of Pictures: Portrait, historical, religious, genre, landscape, marine, etc. Influence of French art on the rest of Europe, after the Revolution. Critical study of contemporary artists. Visits to galleries and studios. Junior year, first semester, twice a week. Miss BOTH-HENDRIKSEN.

10. THE HUMAN FORM IN ART. Sculpture, etching, engraving, lithography, explanation of perspective, color, chiaroscuro, tone, value, touch. Pre-Raphaelite Movement in English—Search for truth in Nature. Art Phases since 1860. Critical study of contemporary artists. Visits to galleries and studios. Junior year, second semester, twice a week. Miss BOTH-HENDRIKSEN.

Astronomy.

12. ASTRONOMY, DESCRIPTIVE, PHYSICAL AND HISTORICAL. Todd's New Astronomy. Senior year, all courses; second semester, three hours a week. Professor PECKHAM.

Biology.

14. ZOOLOGY AND BOTANY FOR KINDERGARTNERS. A laboratory study of the structure, life histories, habits and relationships of the common animal and plant forms likely to be useful in the Kindergarten. Also a review of the most important systems in human physiology, with especial reference to hygiene and sanitation. First year Normal, three hours a week. Professor GAINES.

15. COMPARATIVE ANATOMY. Dissection of Vertebrates. The comparative study of their various organs. References: Parker and Haswell's Zoology, Wiedersheim's Comparative Anatomy of Vertebrates. Sophomore year, Language and Literary; Junior Scientific, first semester, three hours a week, with two laboratory hours additional. Professor GAINES.

16. EMBRYOLOGY AND PHYSIOLOGY. The embryology of the chick. The physiology and hygiene of nutrition and the nervous system. References: Marshall's Embryology, Martin's Human Body, Foster's Physiology. Sophomore year, Language and Literary, Junior Scientific, second semester, three hours a week, with two laboratory hours additional. Professor GAINES.

17. GENERAL BOTANY. The study of plant structures and function. The characters and relation of the leading groups of plants. The lower cryptogams. The Algæ, Fungi and Bryophytes. Junior year, Language and Literary, first semester, three hours a week, with laboratory as above. Professor GAINES.

18. GENERAL BOTANY. The Pteridophytes and Spermatophytes. References: Bennett and Murray's Cryptogamic Botany, Goebel's Outlines of Classification and Morphology, Sachs' Botany. Junior year, Language and Literary, second semester, three hours a week, with laboratory as above. Professor GAINES.

19. THEORETICAL BIOLOGY. The examination of the philosophical problems of Biology. The discussion of the writings of Darwin, Wallace, Weismann, Brooks, Morgan and others. Senior year, first semester, three hours a week. Professor GAINES.

20. BACTERIOLOGY AND SANITARY SCIENCE. The general study of bacteria, yeasts, moulds, and their application to the affairs of daily life. The germ theory of disease, infection and contagion. Drinking water and sewage as vehicles of disease. Public supplies of water, ice, food. References: Ritchie's Manual of Bacteriology, Sedgwick's Principles of Sanitary Science. Senior year, second semester, three hours a week. Professor GAINES.

Chemistry.

25, *a* and *b*. GENERAL CHEMISTRY. (*a*) First Semester. *Chemistry of the non-metals*: Physical and chemical change; laws of chemical combination; theory of solutions; thermo-chemistry; principles of chemical nomenclature; periodic law; families of non-metals; problems; laboratory manipulations. (*b*) Second Semester. *Chemistry of the metals*: Distribution of metallic ores; general methods for the preparation of metallic compounds; methods of reduction; study of individual metals; uses of metals and their compounds, alloys. Short introduction to organic chemistry. Text-book: Remsen's College Chemistry. Freshman year, Literary and Language courses, three hours a week. Laboratory, two hours a week. Dr. SHARE.

27, *a* and *b*. QUALITATIVE ANALYSIS. (*a*) First Semester. Tests for the metals; tests for the acid radicals; study of schemes for the separation and recognition of the metals and acid radicals. (*b*) Second Semester. Analyses of simple salts; analyses of solutions and mixtures of solids; commercial products; alloys, soils, etc. Text-book: Prescott and Johnson's Qualitative Analysis. Laboratory manual: Dennis & Whittelsey's Qualitative Analysis. Freshman year, Scientific Course, three hours a week; laboratory, four hours a week. Dr. SHARE.

29, *a* and *b*. QUANTITATIVE ANALYSIS. (*a*) First Semester. Preliminary course on analysis of compounds of known composition; use of the balance; calibration of measuring instruments; general methods of volumetric and colorimetric analysis. (*b*) Second Semester. General course on the analysis of ores and commercial products; analyses of gases; analyses of waters; assays of gold, silver and other ores; electrolytic methods of analysis. Text-book: Cairn's Quantitative Analysis, References: Fresenius' Quantitative Analysis; Claassen's Quantitative

Analysis, Olsen's Quantitative Analysis, Sutton's Volumetric Analysis, Blair's Analysis of Iron Ores, Crooke's Select Methods, Rickett's Notes on Assaying, Hempel's Gas Analysis. Sophomore year, Scientific Course, three hours a week; laboratory, five hours a week. Dr. SHARE.

31. ORGANIC CHEMISTRY. Methane derivatives; benzene derivatives; organic analysis; laboratory practice in the preparation of organic substances. Text-book: Remsen's Organic Chemistry. References: Bernthsen's Organic Chemistry, Prescott's Organic Analysis, Allen's Commercial Organic Analysis, Blyth's Analysis of Foods, Wanklyn's Water Analysis. Junior year, Scientific Course, seven hours a week; lectures and laboratory.

33. TECHNICAL OR APPLIED CHEMISTRY. Processes for the manufacture of commercial products; advanced methods of quantitative analysis; food analysis. References: Wagner's Chemical Technology, Watt's Dictionary of Chemistry, Thorpe's Dictionary of Chemistry, Sadtler's Industrial Organic Chemistry, Blyth's Analysis of Foods. Senior year, Scientific Course, seven hours a week, lectures and laboratory. ——— ———

Economics.

37. OUTLINES OF ECONOMICS. A general introduction to the study of Economics with the design to familiarize the student with the fundamental principles of the subject. These are examined and illustrated by reference to past and present industrial life in England and the United States. Text-book: Bullock's Introduction to the Study of Economics, supplemented by collateral reading. Recitations, discussions, lectures. Junior year, all courses; first semester, three hours a week. Dr. FRADENBURGH.

39. ECONOMIC HISTORY. A study of the evolution of industrial life, principally in England and the United States, with references for sake of comparison to contemporary conditions on the continent of Europe. Lectures, readings, reports. References: Cunningham's Growth of English Industry and Commerce. Gibbins' History of Commerce in Europe. Toynbee's The Industrial Revolution. Ashley's Introduction to English Economic History and Theory. Senior year, all courses; first semester, three hours a week. ——— ———.

40. PRACTICAL ECONOMICS. This course deals principally with problems of distribution. The leading topics are: The evolution of labor and capital; wages; labor organization, arbitration and conciliation; profit-sharing; co-operation; factory and other labor legislation; the social surplus; municipal economics; socialism. Lectures, assigned readings, papers, discussions. Senior year, all courses; second semester, three hours a week; open to students who have taken course 37. ——— ———.

Education.

43. GENERAL METHODS OF TEACHING. Critical study of the general principles underlying teaching. The course involves observation and criticism of class instruction. Text-books: De Garmo's *Interest and Education* and McMurry's *The Method of the Recitation*. One hour a week. Second semester, Senior year. Professor HENDERSON.

44. CURRICULUM AND METHODS OF TEACHING IN THE ELEMENTARY SCHOOL. Lectures and conferences, with observation and criticism of class-room work. Two hours a week, second semester, Senior year. Professor HENDERSON.

46. SPECIAL METHODS.

The departments of LATIN, ENGLISH, GERMAN, FRENCH, HISTORY, MATHEMATICS and BIOLOGY offer courses in the Curricula and Methods of Teaching each of these Subjects in the Secondary School. These courses are for two hours a week, second semester, Senior year.

47. HISTORY OF EDUCATION. Greek and Roman education. The leading movements in the history of culture from the appearance of Christianity to the nineteenth century and their effects on the schools. Three hours a week, first semester, Senior year. Professor OSBORN.

48. HISTORY OF EDUCATION. This course is designed for Normal students and lays stress on the study of the life in typical schools in history. The work of modern educational reformers is carefully reviewed. Three hours a week, second semester, first year Normal. Mr. TANNER.

50. THEORY OF EDUCATION. The relation of education to social life and the part it has played in evolution. Present day problems in education. Lectures, conferences, and reports. Three hours a week, second semester, Senior year. Professor HENDERSON.

51. PRIMARY EDUCATIONAL PRINCIPLES. Discussions, readings, and essays. The purpose of this course is to show Froebel's conception of education through a study of his works and the practical application of his theory to education in the kindergarten; study of the gifts, games, occupations and stories, with reference to their adaptation to child-nature and its development. The following are used as texts and books of reference: Froebel's *Education of Man*, *Pedagogics of the Kindergarten*, and *Mother Play*; Sully's *Studies of Childhood*, Rowe's *Physical Nature of the Child*, Blow's *Symbolic Education*, Preyer's *Mental Development*, Perez's *First*

Three Years of Childhood, Compayré's Intellectual and Moral Development of the Child. Second year Normal class, first semester, two hours weekly. Tuesdays and Thursdays at 3.45 P. M. Miss SCOTT.

52. FROEBELIAN THEORY AND METHODS. Open to students who have completed Course 51. Second year Normal, second semester, three hours a week. Professor HARVEY and Miss ROETHGEN.

55. FROEBEL'S PHILOSOPHY in "The Mother Play." First year and second year Normal, once a week. Professor HARVEY.

56. THE HISTORY AND THEORY OF EDUCATION. An advanced course in this subject offered especially to students in the teachers' classes. Junior or Senior year, second semester, four hours. Miss SCOTT.

Elocution.

Individual work in this department is required of each member of the Freshman and Sophomore Classes, and is optional in the other years. Assistant Professor MACFARLANE.

The English Language and Literature.

61. REPRESENTATIVE MASTERPIECES, such as Tennyson's *Idylls of the King*, Ruskin's *Sesame and Lilies*, Carlyle's *Heroes and Hero Worship*, selected essays of Emerson or Lowell. Freshman year, first semester, three hours a week. Miss TUCKER.

62. SHAKSPERE. Five plays are read, two of which are studied in detail. This year *Romeo and Juliet* and *Othello* are made the basis for this intensive study. Dowden's *Shakspere Primer*. Freshman year, second semester, three hours a week. Miss TUCKER.

63. RHETORIC. A course in practical composition. Discussion of the theory of composition based on Baldwin's *College Manual of Rhetoric*. Essays with regular appointments for the individual criticism of each. Class room themes, and, for a portion of the year, daily themes. Freshman year, one hour weekly. Professor BURKE.

Courses 1, 2, and 3 are required for Freshmen of the literary course and for sophomores of the scientific course.

65. LITERATURE OF THE ELIZABETHAN AGE. Spenser, *Faerie Queen*, Book I; selections from Elizabethan dramatists other than Shakspeare; Shakspeare, *King Lear*, *Henry IV, Pt. I*, *Hamlet*; the English translation of the Bible; prose and poetry of the Puritan and the Cavalier. Sophomore year, first semester, three hours a week. Professor BURKE.

66. LITERATURE OF THE SEVENTEENTH AND EIGHTEENTH CENTURIES DURING THE PERIOD OF FRENCH INFLUENCE. Selections from Dryden, Pope and Addison; Swift, *Gulliver's Travels*, and selected essays; Defoe, *Robinson Crusoe*; Goldsmith, selections from *She Stoops to Conquer*; Sheridan, *The School for Scandal*; Richardson; Fielding; Johnson, selections. Sophomore year, second semester, three hours a week. Professor BURKE.

67. LITERATURE FROM AGE OF ANNE TO THE VICTORIAN AGE. Poets, Gray to Keats. Junior year, first semester, three hours a week. Professor BURKE.

68. LITERATURE FROM THE AGE OF ANNE TO THE VICTORIAN AGE. The essayists and novelists. Junior year, second semester, three hours a week. Professor BURKE.

69. VICTORIAN LITERATURE. Tennyson, the Brownings, Fitzgerald. Senior year, first semester, three hours a week. Miss TUCKER.

70. VICTORIAN LITERATURE. Arnold, Clough, the Rossettis, Morris, Swinburne. Essayists, Carlyle to Stevenson. Senior year, second semester, three hours a week. Miss TUCKER.

71. THE NOVEL. Critical study of representative novelists from Scott to Kipling. Senior year, first semester, three hours a week. Miss TUCKER.

72. AMERICAN LITERATURE. Poetry and prose. Open to Juniors and Seniors, second semester, three hours a week. ——— ———.

73. OLD ENGLISH, from the beginning to 1200 A.D. An elementary course in the beginning and earlier development of the English language and literature. The study is made as literary as is consistent with the acquisition of a solid reading knowledge of the language. Two hours a week. Professor BURKE.

74. MIDDLE ENGLISH. A survey of English literature from 1200-1500. Chaucer is studied carefully. Attention is also given to the development of the language, to Langland, Mandeville, the romancers, etc. Two hours a week. Professor BURKE.

Courses 73 and 74 are given in alternate years. They are open to Juniors and Seniors.

The French Language and Literature.

81. Introductory Course for students who have not presented French at entrance. Thorough study of the essentials of grammar and syntax; dictations; translation from English into French; attention will be paid

to the acquisition of an accurate pronunciation; reading of easy modern prose. Books: Fraser and Squair, *French Grammar*; Laboulaye, *Contes Bleus*. First semester, four hours a week.

82. INTRODUCTORY COURSE. For students who have taken 81 or its equivalent. Dictations; composition in French; a considerable amount of reading will be required. Books: Fraser and Squair: *French Grammar*; Cameron: *Elements of French Composition*; Lesage: *Gil Blas*; Sand: *La Mare au Diable*; Labiche: *La Poudre aux Yeux*. Second semester, four hours a week.

83. ROMANTIC PERIOD. The following representative works will be read: Chateaubriand: *Atala*; selected poems by Lamartine, Hugo, de Musset, de Vigny; Hugo: *Hernani*, *Les Misérables*; Gautier: *Jettatura*; collateral reading with reports. First semester, three hours a week. Dr. KERR.

84. CONTEMPORARY LITERATURE. Books: Sand: *La Petite Fadette*; Balzac: *Curé de Tours*; Erckman-Chatrian: *L'Ami Fritz*; Daudet: *Tartarin de Tarascon*; Loti: *Pêcheur d'Islande*; Renan: *Souvenirs de Jeunesse*; Leconte de Lisle, Sully Prud'homme, selected poems; collateral reading with reports. Second semester, three hours a week. Dr. KERR.

85. PROSE AND POETRY IN THE XVII. CENTURY. Selections from Descartes and Pascal; La Rochefoucauld: *Les Maximes*; La Bruyere: *Les Caractères*; Bossuet: *Oraisons Funèbres*; Madame de Sévigné: Selected *Lettres*; La Fontaine: *Fables Choiesies*; collateral reading, essays and reports. First semester, three hours a week. Dr. KERR.

86. CLASSIC DRAMA. Molière: *Bourgeois Gentilhomme*, *L'Avare*, *Le Misanthrope*; Regnard: *Le Joueur*; Corneille, *Le Cid*, *Cinna*; Racine: *Andromaque*, *Athalie*, *Les Plaideurs*; collateral reading, reports and essays. Second semester, three hours a week. Dr. KERR.

87. DRAMATIC LITERATURE IN THE XVIII. CENTURY. Lesage: *Turcaret*; Piron: *La Métromanie*; Sedaine: *Le Philosophe sans le Savoir*; Marivaux: *Jeu de l'Amour et du Hasard*; Beaumarchais: *Barbier de Séville*; Voltaire: *Zaire*, *Mérope*; collateral reading, reports and essays. First semester, three hours a week. Dr. KERR.

88. PROSE LITERATURE IN THE XVIII. CENTURY. Montesquieu: *Lettres Persanes*; Voltaire: *Zadig*, *Micromégas*, *Monde Comme il va*, Cohn's *Voltaire's Prose*; Rousseau: *Contrat Social*, Brunel's *Extraits*. In connection with the work on Voltaire and Rousseau a considerable amount of outside reading, with essays and reports, will be required. Second semester, three hours a week. Dr. KERR.

89. NOVEL IN THE XIX. CENTURY. B. Saint Pierre: *Paul et Virginie*; Chateaubriand: *Atala*; Hugo: *Bug Jargal*; Gautier: *Jettatura*; Balzac: *Eugenie Grandet*; Cherbuliez: *Le Roi Apépi*; Ohnet: *Maitre des Forges*; Daudet: *Tartarin sur les Alpes*; Zola: *La Débâcle*; Maupassant: *Contes et Nouvelles*; collateral reading, essays and reports. First semester, three hours a week. Dr. KERR.

90. MEDIEVAL AND RENAISSANCE LITERATURE. Lectures on introductory Historical Phonology in connection with the reading of the *Chanson de Roland* and *Aucassin et Nicolette*; selections from Villon, Marot, Ronsard and Du Bellay; Rabelais: *Gargantua*; Montaigne: selected *Essais*; collateral reading, essays and reports. Second semester, three hours a week. Dr. KERR.

91 and 92. FRENCH GRAMMAR AND COMPOSITION. A review of important points in grammar and syntax; translation of English prose into French. Required of all Freshmen electing French, excepting those taking Courses 81 or 82. The course is divided into two parts: (a) 91. First semester, one hour a week; (b) 92. Second semester, one hour a week.

93 and 94. ADVANCED FRENCH GRAMMAR AND COMPOSITION. A study of the more difficult questions of grammar and syntax; translation of continuous English prose into French. Required of all Sophomores electing French. The course is divided into two parts: (a) 93. First semester, one hour a week. (b) 94. Second semester, one hour a week.

Geology.

97. GEOLOGY. General course; dynamic, structural, and historical. Text-book: Le Conte's Geology. References: Dana's Geology, Geikie's Geology, Scott's Geology. Senior year, all courses; first semester, three hours a week. Dr. SHARE.

98. ECONOMIC GEOLOGY. Distribution and utilization of ore deposits, building stone, etc. Text-book: Kemp's Ore Deposits of the U. S. Senior year, Scientific Course; second semester, three hours a week. ——— ———

The German Language and Literature.

99. GOETHE. Reading, dictation, short themes. *Dichtung und Wahrheit* (selections), *Götz von Berlichingen*. Open to students who have credit for the maximum admission requirements in German. First semester, three hours a week. (See Course 107.) Professor COAR.

100. SCHILLER. Reading, dictation, short themes. *Don Carlos, Wallenstein*. Open to students who have credit for the maximum admission requirements in German or who have passed off Course 99. Second semester, three hours a week. (See Course 107.) Professor COAR.

101. LESSING AND HIS TIMES. This course analyses the movements in German life and literature which determined or influenced the classic works of Goethe and Schiller. Lessing, *Emilia Galotti*, *Nathan der Weise*; Goethe, *Egmont*, *Gedichte*; Schiller, *Cabale und Liebe*, *Gedichte*. A syllabus of required readings and themes will be provided at the beginning of the semester. First semester, three hours a week. (See Course 108.) Professor COAR.

102. GOETHE AND SCHILLER. This course analyses the literary works of Goethe and Schiller at the height of their poetic activity. Some account will be given of their esthetic views. Goethe, *Iphigenie*, *Tasso*; Schiller, *Maria Stuart*, *Die Jungfrau von Orleans*, *Die Braut von Messina*. A syllabus of required readings and themes will be provided at the beginning of the semester. Second semester, three hours a week. (See Course 108.) Professor COAR.

103. GERMAN LITERATURE IN THE FIRST HALF OF THE NINETEENTH CENTURY. Romanticism and the ideals of life underlying it. The poetry of revolt. Kleist, *Der Prinz von Homburg*; Grillparzer, *Sappho*; Heine, *Buch der Lieder*. A syllabus of required readings and themes will be provided at the beginning of the semester. First semester, three hours a week. (See Course 108.) Professor COAR.

104. GERMAN LITERATURE IN THE SECOND HALF OF THE NINETEENTH CENTURY. Realism, Naturalism, Mysticism. Ludwig, *Die Makkabäer*, Hebbel, *Die Nibelungen*; Sudermann, *Heimat*; Hauptmann, *Die versunkene Glocke*. Collateral reading will, for the most part, deal with novelistic literature. A syllabus of required readings and themes will be provided at the beginning of the semester. Second semester, three hours a week. (See Course 108.) Professor COAR.

105. GOETHE'S FAUST, I AND II. A critical analysis of the drama. Open only to students who have had Courses 101 and 102, or their equivalents. First semester, three hours a week. Professor COAR.

106. GREAT MYTHS AND LEGENDS IN GERMAN LITERATURE OF THE NINETEENTH CENTURY. The Nibelungen, The Holy Grail, The Magic of Love. Second semester, three hours a week. Professor COAR.

107. GERMAN GRAMMAR AND COMPOSITION. Review of grammatical forms and practice in theme-writing. The course is open to all students who have credit for the admission requirements (minimum or maximum). It is required of students who take Courses 99 or 100. It will not count for students who are taking or have taken advanced courses in German, but will be counted for all other students. One hour a week during the year. Professor COAR.

108. ADVANCED GERMAN GRAMMAR AND COMPOSITION. Problems of syntax and style. Required of all Freshmen and Sophomores taking Courses 101, 102, 103, 104. For Juniors and Seniors this course will count as the equivalent of a course pursued for three hours a week during one semester. One hour a week during the year. Professor COAR.

109. HISTORY OF THE GERMAN GRAMMAR. This course is open only to students who have had the equivalent of three years of College German, or who can satisfy the instructor of their fitness to pursue the course to advantage. It is intended primarily for teachers of German or for students who purpose to teach, and will count as the equivalent of a course pursued for three hours a week during one semester. One hour a week during the year, with conferences. Professor COAR.

110. METHODS OF TEACHING GERMAN. Open only to Seniors. Second semester, one hour a week. Professor COAR.

The Greek Language and Literature.

111. PLATO'S APOLOGY AND CRITO, with selections from The Phædo, etc. Especial attention is given to literary style, to the chief problems of syntax, and to the ethical subjects under discussion. Reference is freely made to Jowett's Plato. Freshman year, first semester, four hours a week. Professor LAWTON.

112. ILIAD. Selections from later books (or selections from Odyssey, V. to XII.). The chief object, besides the mastery of the Homeric vocabulary, is the study of epic style. The authorship of the poems, the imaginative and realistic elements, and, particularly, the relation of Homeric to Attic Greek, will be fully discussed. Reference will be made to Jebb's Introduction to Homer, Lang's Homer and the Epic, Lang, Leaf and Myers' translation, etc. Freshman year, second semester, four hours a week. Professor LAWTON.

113. LATER FIFTH CENTURY DRAMA. One play of Euripides, and the *Clouds* or *Frogs* of Aristophanes, will be read. The origin of drama and the environment of the art in Athens, will be considered. Reference will be made to Haigh's *Attic Theatre and Tragic Drama*, and similar authorities. Sophomore year, first half, four hours a week. Professor LAWTON.

114. One play each of Æschylus and Sophocles; study of the other Attic tragedies in English. General view of myths as handled in tragedy. Sophomore year, second half, four hours a week. Professor LAWTON.

115. HERODOTUS, BOOK VIII., AND ÆSCHYLUS' PERSIANS. Reading of Herodotus, I.-VII., in English. Historic view of the Persian wars. References: Rawlinson's *Herodotus*, Grote's *Greece*. Junior year, first half, three hours a week. Professor LAWTON.

116. THUCYDIDES, BOOK I. OR BOOK VII. Study of Thucydides' entire work in English. General view of Periclean Athens. References: Jowett's *Thucydides* and Grote's *Greece*. Junior year, second half, three hours a week. Professor LAWTON.

117. GREEK LYRIC, including odes of Bacchylides and Pindar. Smyth's *Lyric Poets*. Senior year, first half, three hours a week. Professor LAWTON.

118. GENERAL VIEW OF GREEK LITERATURE, with readings from less prominent authors. Senior year, second semester, three hours a week. Professor LAWTON.

119. GREEK POETRY IN ENGLISH. Reading of the *Iliad* and *Odyssey* entire, with copious selections from lyric and Attic drama. General discussion of mythology, forms of poetry, uses and limitations of translation, influence of Greek on modern literature, etc. Open to Juniors and Seniors, first semester, two hours a week. Professor LAWTON.

120. GREEK PROSE AUTHORS IN ENGLISH. Herodotus and Thucydides will be read almost entire, Plato, Xenophon, Demosthenes, Lucian, Plutarch, etc., in copious selections. Considerable attention will be given to history and topography, and to the actual conditions of Greek life. Courses 119 and 120 require no knowledge of Greek, and cannot be counted by students who elect Greek courses in college. Open to Juniors and Seniors, second semester, two hours a week. Professor LAWTON.

Note.—Special courses in Greek composition, or on elementary textbooks and methods of teaching, may be given if called for.

History and Politics.

125. **MEDIÆVAL HISTORY.** The origin and development of feudal society and institutions, the political history of Central and Southern Europe to the close of the Thirty Years' War. References: Adams' *Civilization in the Middle Ages*, Duruy's *History of the Middle Ages*, Emerton's *Introduction to the Middle Ages and Mediæval Europe*, "Epochs of Modern History" Series. Freshman year, all courses; first semester, four hours a week. Dr. FRADENBURGH.

126. **HISTORY OF THE RENAISSANCE.** A study of the social, religious, and political issues of the age of the Renaissance, the fifteenth and sixteenth centuries. References: Bryce's *Holy Roman Empire*, Milman's *Latin Christianity*, Spaulding's *History of the Protestant Reformation*, Haeusser's *Period of the Reformation*. Freshman year, all courses; second semester, four hours a week. Dr. FRADENBURGH.

127. **ENGLISH HISTORY.** A study of political and social progress. References: Green's *Shorter History of the English People*, Macaulay's *History*, Lecky's *England in the Eighteenth Century*, McCarthy's *History of Our Own Time*. Sophomore year, all courses; first semester, four hours a week. Mr. TANNER.

128. **HISTORY OF FRANCE**, from the age of Richelieu to the French Revolution. The Ancient Régime and its successor. References: S. R. Gardiner's *Thirty Years' War*, Duruy's *History of France*, Airy's *The English Restoration and Louis XIV*, Morris' *The Age of Anne*, Morris' *The French Revolution and First Empire*, Taine's *Ancient Régime and Modern Régime*, Kitchin's *History of France*. Sophomore year, all courses; second semester, four hours a week. Mr. TANNER.

129. **HISTORY OF THE NINETEENTH CENTURY.** Topical studies in modern history. The age of the settlement of parliamentary government and of racial consolidation. References: The *International Statesmen Series*, Seignobos' *Political History of Europe since 1814*; Muller's *Political History of Recent Times*, Andrews' *Historical Development of Modern Europe*. Senior year, first semester, all courses; three hours a week.

130. **AMERICAN HISTORY.** A topical study of American History, with a comparison of political systems. References: Fiske's *Beginnings of New England*, and *Critical Period of American History*, Schouler's *History*, and Wilson's *The State*, Hart's *Epoch Series*, and Scribner's *American History Series*. Senior year, all courses; second semester, three hours a week. ————.

131. **BIBLICAL HISTORY AND LITERATURE.** This course will include a history of the Bible, both of the Old and of the New Testaments; manuscript copies; the most important versions; the English Bible; an outline of Jewish history to the Exile, with frequent reference to Jewish institutions, religious, political and economic. Open to Juniors and Seniors, first semester, three hours a week. Professor OSBORN.

132. **STUDIES IN THE LIFE OF CHRIST AND IN THE ORGANIZATION OF THE CHRISTIAN CHURCH.** An outline of Jewish history from the Exile to the birth of Jesus Christ. The growth of the Messianic idea. Palestine in the time of Christ. Selected studies in the Gospels. The formation of the Christian Church. Open to Juniors and Seniors, second semester, three hours a week. Professor OSBORN.

137. **SEMINAR IN HISTORY.** Open to especially qualified Seniors and graduates. Bibliography, reports, historical criticism and discussions. Two hours a week throughout the year. Dr. FRADENBURGH and Mr. TANNER.

138. **THE TEACHING OF HISTORY.** A study of the methods of historical instruction. Open to Seniors who desire to become teachers of history in secondary schools. Two hours a week, second semester. Mr. TANNER.

139. **EUROPEAN HISTORY.** A topical study of European history since the 15th century. The Renaissance and the Reformation; the Ascendency of France; the rise of Prussia and Russia; the era of the French Revolution; National and Parliamentary Growth in the 19th Century. Robinson's History of Western Europe is used as a text-book. Required readings in Adams' Civilization in the Middle Ages, Symonds' History of the Renaissance, "Epochs of Modern History" series, Haeusser's Period of the Reformation, Alzog's Universal Church History, Duruy's History of France, Matthews' French Revolution, Müller's Political History of Modern Times, etc. First year Normal, first semester, three hours a week. Mr. TANNER.

The Italian Language and Literature.

143. **ITALIAN CLASSICS.** This option will be given in any year if called for by five or more students, and is accepted as a substitute for Junior or Senior Latin, or as a modern language. The language is not taught colloquially, but is discussed as a variation of late Latin, and made a basis for rapid reading in the Italian classics. The course is especially adapted for students proficient in Latin, or in both Latin and French. Besides elementary grammar and easy prose, it will include selections from

the *Vita Nuova* and the *Divina Commedia*, at least. Open to Juniors and Seniors, three hours a week. Professor LAWTON.

A weekly series of rapid readings from Dante, given as an open course each year if called for, may be regarded as a supplement to Course 143.

The Latin Language and Literature.

145. CICERO. *De Senectute* and *De Amicitia*. Latin Composition based on the *Amicitia*. Freshman year, first semester, four hours a week. Professor SANFORD.

146. HORACE. Selected Odes and Epodes. Lectures on the Augustan age. Freshman year, second semester, four hours a week. Professor SANFORD.

147. The *Audria* of Terence. *Tusculan Disputations*, Book I. The *Second Philippic*, or the *Brutus* of CICERO. Sophomore year, first semester, four hours a week. Professor SANFORD.

148. CATULLUS, Selected Odes. HORACE, Selected Satires and Epistles. Sophomore year, second semester, four hours a week. Professor SANFORD.

149. LUCRETIUS, Books 1, 3, 5, with readings from the *De Natura Deorum* of CICERO. Selected Letters of PLINY. Junior year, first semester, three hours a week. Professor SANFORD.

150. TACITUS, the *Agricola* and *Germania*. Selections from the *annals* and *histories*. JUVENAL, selected satires. Junior year, second semester, three hours a week. Professor SANFORD.

151. MARTIAL. Selected epigrams, readings from less familiar prose writers of the Empire. (Petronius, Seneca, Pliny the Elder, Quintilian, Suetonius, and others). Senior year, first semester, three hours a week. Professor SANFORD.

152. Selections from the Elegiac poets. Readings from less familiar poets of the Empire (Seneca, Persius, Lucan, Silius Italicus, Statius, and others). Senior year, second semester, three hours a week. Professor SANFORD.

Law.

156. INSTRUCTION IN LAW is given by a course of lectures and conferences upon "Law as it most closely affects the daily life and needs of the citizen." This course extends throughout the second semester of the Junior year. Required in all courses. Once a week. Hon. FREDERICK E. CRANE.

Mathematics.

161. **THEORY OF NUMBERS.** A course in the fundamental principles of arithmetic and algebra, with an outline of the logical principles chiefly used in mathematics, intended to supplement the high school work in algebra, and to give the student a firm foundation for his future mathematical study. Text-book: Bowden's Theory of Integers. Freshman year, Language and Literary Courses (elective), first semester, four hours a week. Professor BOWDEN.

162. **SOLID GEOMETRY.** The usual demonstrative work, with numerical applications of the formulas derived. The course will include an outline of the theory of rational and irrational numbers, with their applications. Text-book: Phillips and Fisher. Freshman year, Language and Literary Courses (elective), second semester, four hours a week. Professor BOWDEN.

163. **TRIGONOMETRY.** The course will start with an outline of the theory of complex numbers, with their applications. The trigonometric function will be defined analytically. From these definitions and their geometric interpretation will be derived the ordinary formulas. This will be followed by the solution of triangles, both plane and spherical, with the use of logarithms and applications to the measurement of heights and distances, to astronomy and to navigation. Text-book: Ashton and Marsh. Freshman year, Scientific Course (required); Sophomore year, Language and Literary Courses (elective); first semester, four hours a week. Professor BOWDEN.

164. **ANALYTIC GEOMETRY.** The equations of the straight line, circle, parabola, ellipse, hyperbola, and a few of the simpler higher plane curves, with an introduction to Solid Analytic Geometry. Text-book: Ashton. Freshmen, Scientific Course (required); Sophomores, Language and Literary Courses (elective); second semester, four hours a week. Professor BOWDEN.

165. **DESCRIPTIVE GEOMETRY.** Orthographic projection of points, lines and surfaces, the intersection of lines and surfaces, spherical projections, shades and shadows, linear perspective, isometric projections. Text-book: Church. Sophomores, Scientific Course, first semester, four hours a week. Mr. LOCKE.

166. **SURVEYING.** Recitations and lectures on the principles and practice of surveying, adjustment of instruments, practice surveys, levels, and

topographical work, computations based upon data thus derived. Text-book: Pence and Ketchum. Sophomores, Scientific Course, second semester, four hours a week. Mr. LOCKE.

167. MECHANICAL DRAWING. Freehand drawing, construction of problems in Geometry, orthographic and isometric projections, plans, sections, and elevations of machines and architectural parts, blue prints, lettering, plotting of surveys, topographical sketches, coloring and shading; development of problems involving the principles of Descriptive Geometry, including shades and shadows, and perspective. Freshmen, Scientific Course, two hours a week. Sophomores, Scientific Course, first semester, one hour a week. Mr. LOCKE.

169. DIFFERENTIAL CALCULUS. Simple and successive differentiation of functions; expansion of functions in series, evaluation of indeterminate forms, curve tracing, evaluation of maxima and minima. Text-book: Murray. Juniors, Seniors, and Graduates (elective), first semester, three hours a week. Professor BOWDEN.

170. INTEGRAL CALCULUS. Derivation of formulas, calculation of lengths and areas of curves, areas and volumes of solids of revolution; solution of simple differential equations. Text-book: Murray. Juniors, Seniors, and Graduates (elective), second semester, three hours a week. Professor BOWDEN.

171. ELEMENTARY PROJECTIVE GEOMETRY. Ranges, flat pencils, axial pencils, sheaves of lines and planes, perspective, duality, harmonic figures, projective figures, anharmonic ratios. Text-book: Cremona. Juniors, Seniors, and Graduates (elective), first semester, three hours a week. Professor BOWDEN.

172. ADVANCED PROJECTIVE GEOMETRY. Projective forms in relation to the conic sections, Pascal's and Brianchon's Theorems, poles and polars, diameters, polar reciprocal figures. Text-book: Cremona. Juniors, Seniors, and Graduates (elective), second semester, two hours a week. Professor BOWDEN.

174. THE TEACHING OF MATHEMATICS. A study of the methods of the past and present, with an outline of the history of mathematics. Text-books: Smith's *The Teaching of Elementary Mathematics*, Fink's *Brief History of Mathematics*. Seniors and Graduates (elective), second semester, one hour a week. Professor BOWDEN.

175. VECTOR ANALYSIS. Addition, subtraction, and multiplication of vectors, the differential and integral calculus of vectors, with applications to geometry and mechanics. Text-book: Gibbs and Wilson. Juniors, Seniors and Graduates (elective), first semester, three hours a week. Professor BOWDEN.

176. ANALYTICAL MECHANICS. Composition and resolution of forces, center of gravity, friction, virtual velocities, machines, laws of motion, central forces, constrained motion, impact, work and energy, moment of inertia, rotary motion. Text-book: Williamson and Tarleton. Juniors, Seniors and Graduates (elective), second semester, three hours a week. Professor BOWDEN.

177. THEORY OF GROUPS. The course will begin with an outline of the theory of substitutions. Text-book: Burnside. Juniors, Seniors, and Graduates (elective), first semester, three hours a week. Professor BOWDEN.

178. THEORY OF FUNCTIONS. Functions of a real and of a complex variable, algebraic and transcendental functions, infinite series and products, derivatives and integrals. Juniors, Seniors and Graduates (elective), second semester, three hours a week. Professor BOWDEN.

THE MATHEMATICAL CLUB. This is an organization of teachers and advanced students formed for the purpose of mutual help in mathematical investigation, and as an incentive to original work. The club meets once in three weeks.

THE MATHEMATICAL LIBRARY contains standard works of reference on all the courses and is easily accessible to the students.

Mineralogy.

179, *a* and *b*. MINERALOGY. (*a*) First Semester. Crystallography and Blowpipe Analysis. Crystallography: Study of crystal models and natural crystals; use of the goniometer. Blowpipe Analysis: Use of the blowpipe, preliminary tests; analyses of prepared mixtures. (*b*) Second Semester. Descriptive and Determinative Mineralogy: Physical and chemical characteristics of the common minerals; determination of minerals by the aid of the blowpipe and physical and chemical tests. Text-book: Moses' and Parsons' Mineralogy. References: Williams' Crystallography, Plattner's Blowpipe Analysis, Dana's Mineralogy, Brush's Determinative Mineralogy. Junior year, Scientific Course, three hours a week; laboratory, two hours a week. Dr. SHARE.

181. METALLURGY. Treatment of ores by furnace, wet, and electrolytic methods. References: Bloxam's Metals, Phillips' Metallurgy, Turner's Metallurgies. Senior year, Scientific Course; first semester, three hours a week. ————.

Music.

185. THEORY OF MUSIC. A course in Harmony, followed by counterpoint, with readings in the history of Music. Two hours a week. Open to Juniors and Seniors. Professor BREWER.

186. VOCAL MUSIC FOR TEACHERS. Voice culture, sight-reading and transposing. Method in kindergarten songs and marches. Expressive use of voice and piano. Normal School, both years, once a week. Miss KIBBE.

Philosophy.

189. HISTORY OF PHILOSOPHY. A general survey of the thought of both the ancient and the modern world, with special reference to the problems of knowledge. Special attention will be bestowed upon those authors who have made important contributions to the literature of philosophy. Windleband's History of Ancient, and Falckenberg's History of Modern Philosophy will be used as works of reference. Seniors, first semester, three hours a week. Professor OSBORN.

190. MODERN PHILOSOPHY. The object of this course will be to study the development of modern philosophy in the two leading schools, including also Schopenhauer and the Positive School. Selected portions of some of the philosophical masterpieces will be read and discussed. References will be made to Külpe's Introduction and Rogers' Students' History of Philosophy. Seniors, second semester, two hours a week. Alternative option with Course No. 191. Professor OSBORN.

191. ETHICS. An outline study of the leading ethical theories and of the fundamental principles of morality, and of their application to individual and social life. Text-books: Seth's Principles and Fite's Introduction to Ethics. There will be frequent reference to the works of leading ethical writers. Seniors, second semester, two hours a week. Alternative option with Course No. 190. Professor OSBORN.

Physics.

195. GENERAL PHYSICS. Properties of solids, liquids and gases, and the study of sound and light. Lectures and laboratory work. First semester, Junior year, Language and Literary Courses, three hours a week, with two hours laboratory. Professor PECKHAM.

196. GENERAL PHYSICS. Heat and electricity. Lectures and laboratory work. Second semester, Junior year, Language and Literary Courses, three hours a week, with two hours laboratory. Professor PECKHAM.

197. MECHANICS AND HEAT. Sophomore year, Scientific Course, first semester, three hours a week, with four hours laboratory. Professor PECKHAM.

198. ELECTRICITY AND LIGHT. Sophomore year, Scientific Course, second semester, three hours a week, with four hours laboratory. Professor PECKHAM.

199. TECHNICAL ELECTRICITY. Dynamos and motors, lighting and power. Junior year, Scientific Course, first semester, three hours a week, with four hours laboratory. ——— ———.

200. MODERN THEORIES OF MATTER AND ELECTRICITY, with applications to electrolysis and electrolytic conduction. Junior or Senior year, second semester, three hours a week, with four hours laboratory work. Professor PECKHAM.

201. METEOROLOGY. Waldo's Meteorology. Taking and reducing observations, and forecasting weather. Junior or Senior year, one semester, three hours a week. Professor PECKHAM.

Psychology.

205. LOGIC. The elements of formal logic, deductive and inductive, with a consideration of the nature of judgment. Text-book: Jevons' Elements of Logic supplemented by Creighton's Introduction to Logic. Three hours a week, first half of first semester, Sophomore year. Professor HENDERSON.

206. PSYCHOLOGY. Elementary analysis of consciousness. Experimental methods are employed. The course is open only to those who are taking the Sophomore work in biology or who have a general knowledge of the structure and functions of the nervous system in man. Text-books: Witmer's Analytical Psychology and James's Psychology (Briefer Course). Three hours a week, second half of first semester and second semester Sophomore year.

208. ELEMENTARY PSYCHOLOGY. Introduction to the study of psychology. Text-book: James. First year Normal, three hours a week. Miss BRUNN.

209. **PSYCHOLOGY OF THE CHILD.** The study of instinct in its relation to the development of the child, and its expression in more or less definite stages of physical and mental growth. The more recent methods and results of the study of children. Text-book: Kirkpatrick's Fundamentals of Child Study. Second year Normal, first semester, three hours a week. Senior College option also. Professor OSBORN.

210. **APPLICATIONS OF PSYCHOLOGY.** The data of psychology as a basis for teaching in primary grades. Illustrations designed to show the connection between the work of the kindergarten and of the primary teacher. Text-book: Dexter and Garlick's Psychology in the School Room. Second year Normal, and Senior College option, second semester, three hours a week. Professor OSBORN.

211. **EDUCATIONAL PSYCHOLOGY.** The development of mental functions during infancy and childhood. Critical study of educational practices from the point of view of analytical and experimental psychology. Three hours a week, first semester; open to Juniors and Seniors. Professor HENDERSON.

Sociology.

214. **SOCIAL HISTORY.** The origin and growth of society as disclosed in the development of the family and of civil and religious institutions. References: Tylor's Anthropology, Topinard's Anthropology, Ripley's The Races of Europe, Ratzel's History of Mankind. The Anthropological Series. The Reports of the Bureau of Ethnology and of the Smithsonian Institution. The works of Lubbock, Tylor and Sir Henry Maine. Junior year, all courses, second semester, three hours a week. Dr. FRADENBURGH.

215. **SOCIOLOGY.** A study of social institutions, with special reference to American conditions. Among the subjects discussed are: Theories of society; heredity and environment as social forces; growth of a community; immigration; social control; municipal problems and industrial problems. References: Ward's Outlines of Sociology, Fairbank's Introduction to Sociology, Cooley's Human Nature and the Social Order, Patten's Heredity and Social Progress, Spencer's Principle of Sociology, Jane Addams' Democracy and Ethics, Labor Bulletins, Reports of Institutions and Organizations, Inspection of Institutions by the Class. Junior year, all courses, first semester, three hours a week. Mr. TANNER.

216. **SOCIAL PATHOLOGY.** Methods of dealing with dependent, defective, and delinquent classes, with investigations of charitable and penal institutions. Students in this course are required to attend the lectures

on the History and Principles of Charity Organization, by Alexander Johnson. References: Henderson's Dependents, Defectives, and Delinquents, Warner's American Charities, Devine's The Practice of Charity, Ferri's Criminal Sociology, McDonald's Criminology, Reports of institutions and societies. Junior year, all courses, second semester, three hours a week. ————.

217. MUNICIPAL SOCIAL PROBLEMS. A study of modern municipal problems. Transportation, Public Health, Problems of Control, Care of Dependent and Delinquent Classes, Education, Political Reform. Senior year, all courses; second semester, three hours a week. References: Zueblin's American Municipal Progress, Shaw's Municipal Government in Continental Europe and Great Britain, Maltbie's Municipal Functions, Goodnow's Municipal Home Rule, Charles Booth's Life and Labor of the People of London, Robinson's Modern Civic Art, reports of city departments, etc. Senior year, all courses, first semester, three hours a week. Dr. FRADENBURGH.

218. SOCIOLOGY. The origin and growth of society; race characteristics; the rise of cities; modern municipal conditions with special reference to the work of kindergartners. Text-books: Tylor's Anthropology and Wright's Practical Sociology. Second year Normal, second semester, two hours a week. Dr. FRADENBURGH.

The Spanish Language and Literature.

220. SPANISH FOR BEGINNERS. Special attention is given to Spanish idioms and colloquialisms as used in Central and South America. Text-books: Loiseaux's Elementary Grammar and Elementary Reader, with the reading of such works as "La España Pintoresca," by Emilia Pardo Bazan, and "Novelas Cartas," by Pedro Antonio de Alarcón, and "El Si de las Niñas," by Leandro de Moratin. Four hours weekly. Miss CUEVAS.

221. INTRODUCTION TO SPANISH LITERATURE. Modern masterpieces in prose and poetry, with a study of Spanish history. Study of prose composition and grammar based on Garner's Spanish Grammar. Three hours weekly. Miss CUEVAS.

Conspectus of Collegiate Studies

Numerals which follow title indicate number of the Course in "Courses of Study," *q. v.*

11. Theory of Music, 185.	2	istry or Physics.
12. Mathematics, 169, 170, 171, 172, 175, 176, 177, 178.	3	

Senior

Total class-room work per week, at least fourteen hours

Scientific

Classical Languages and Literature Courses

Freshman

Total class-room work per week, exclusive of Physical Education and Laboratory work, at least 15 hours.

Language	Weekly Recit's	Literary	Weekly Recit's	Scientific	Weekly Recit's
REQUIRED:					
Two Languages, 81, 82, 83, } 84, 91, 92, 99, 100, 107, } 111, 112, 145, 146, 220. }	8	English Literature and } Rhetoric, 61, 62, 63. }	4	One Language, 81, 82, 83, } 84, 91, 92, 99, 100, 107, } 111, 112, 145, 146, 220. }	4
Mediaeval History and } History of Renaissance, } 125, 126. }	4	Mediaeval History and } History of Renaissance. } 125, 126. }	4	Mediaeval History and } History of Renaissance, } 125, 126. }	4
Physical Education. }	2	Physical Education. }	2	Chemistry, 27, a and b. }	5
OPTIONS: (One must be chosen.)					
1. English Literature and } Rhetoric, 61, 62, 63. }	4	1. Mathematics, 161, 162, } 2, 3. Languages, 81, 82, } 83, 84, 91, 92, 99, 100, 107, }	each 4	Mathematics, 163, 164. }	4
2. Mathematics, 161, 162. }	4	111, 112, 145, 146, 220. }		Mechanical Drawing, 167. }	2
3. General Chemistry, 25, } a and b. }	3	4. General Chemistry, 25. }	3	Physical Education. }	2

Sophomore

Total class-room work, as in previous year

REQUIRED:					
One Language, 85, 86, 93, } 94, 101, 102, 108, 113, } 114, 147, 148, 220. }	4	English Literature, 65, 66. }	3	One Language, 85, 86, 93, } 94, 101, 102, 108, 147, } 148, 220. }	4
English Literature, 65, 66. }	3	History of Art, 7 and 8. }	2	English Literature and }	4
History of Art, 7 and 8. }	2	Logic and Psychology, }	3	Rhetoric, 61, 62, 63. }	4
Logic and Psychology. }	3	205, 206. }	2	Physics, 197, 198. }	5
205, 206. }	2	Physical Education. }	2	Mathematics, 163, 164. }	4
OPTIONS: (One must be chosen.)					
1. Biology, 15, 16. }	3	1. History of England and }	4	Mech. Draw'g, 167, 1st Sem. }	1
2. History of England and }	3	France, 127, 128. }	each 4	Physical Education. }	2
France, 127, 128. }	3	2, 3. Languages, 85, 86, }		OPTIONS:	
3. One Language, 85, 86, }	4	93, 94, 101, 102, 108, 113, }	4	1. Chemistry, 29, a and b. }	5
93, 94, 101, 102, 108, 113, }	4	114, 147, 148, 220. }	3	2. History of England }	4
114, 147, 148, 220. }	4	4. Mathematics, 163, 164. }		and France, 127, 128. }	4
4. Mathematics, 163, 164. }	4	5. Biology, 15, 16. }		3. Logic and Psychology, }	3
				205, 206. }	
				(Not more than one can be chosen.)	

Junior

Total class-room work per week, at least fourteen hours

Same for both Language and Literary Courses

Scientific

REQUIRED:	{ Political Economy, 37, 1st Sem. } { Social History, 214, 2d Sem. } { Lectures upon Law, 156, 2d Sem. }	3	REQUIRED:	{ Biology, 15, 16. } { Political Economy, 37, 1st Sem. } { Social History, 214, 2d Sem. } { Lectures upon Law, 156, 2d Sem. }	3
		1			1
OPTIONS:			OPTIONS:		
1. English Literature, 67, 68.	3	1. Mathematics, Calculus, 169, 170, 175, 176, {	3		
2. Old English, 73, or Middle English, 74.	2	177, 178. }	3		
3. American Literature, 72, 2d Sem.	3	2. Projective Geometry, 171, 172.	3		
4. Lectures on Art, 9, 10.	2	3. Chemistry, 31.	7		
5. Languages, 87, 88, 103, 104, 109, 115, {	3	4. Physics, 199, 200.	5		
116, 119, 120, 143, 149, 150, 220. }	3	5. Meteorology, 201, One Sem.	3		
6. Educational Psychology, 211, 1st Sem.	3	6. Language, 87, 88, 103, 104, 109, 143, 149, {	3		
7. General Botany, 17, 18.	3	150, 220. }	3		
8. General Physics, 195, 196.	3	7. Sociology, 215, 216.	3		
9. Sociology, 215, 216.	3	8. Educational Psychology, 211, 1st Sem.	3		
10. Biblical History and Literature, 131, 132.	3	One of the options chosen must be either Chem-			
11. Theory of Music, 185.	2	istry or Physics.			
12. Mathematics, 169, 170, 171, 172, 175, 176, {	3				
177, 178. }					

Senior

Total class-room work per week, at least fourteen hours

Same for both Language and Literary Courses

Scientific

REQUIRED: { History of Philosophy 189, 1st Sem. }		3	REQUIRED: Geology, 97, and Astronomy. 12.		3
{ Modern Philosophy or Ethics, }		each 2			
{ 190 or 191, 2d Sem. }					
OPTIONS:					
1. Theoretical Biology, 19, 1st Sem.		3	1. Economic History, 39, 1st Sem. }		3
2. Bacteriology and Sanitary Science, 20, 2d Sem. }		3	2. Practical Economics, 40, 2d Sem. }		3
3. English Literature, 69, 70.		3	3. Mineralogy, 179, a and b.		3
4. The Novel, Critical Study, 71, 1st Sem.		3	4. Modern History, 129, 1st Sem. }		3
5. American Literature, 72, 2d Sem.		3	5. United States History, 130, 2d Sem. }		3
6. Old English or Middle English, 73, 74.		2	6. Technical Chemistry, 33.		7
7. Sociology: Municipal Problems, 217, 1st Sem. }		3	7. Physics, 199, 200.		5
8. Economic History, 39, 1st Sem. }		3	8. Meteorology, 201, 1st Sem.		3
9. Practical Economics, 40, 2d Sem. }		3	9. Mathematics, 174, 175, 176, 177, 178.		3
10. Modern History, 129, 1st Sem. }		3	10. Metallurgy, 181, 1st Sem. }		3
11. United States History, 130, 2d Sem. }		3	11. Economic Geology, 98, 2d Sem.		3
12. Biblical History and Literature, 131, 132.		3	12. Educational Psychology, 211, 1st Sem.		3
13. Seminar in History, 137.		2	13. Methods of Teaching, 44, 2d Sem.		3
14. 15. Geology, 97, and Astronomy, 12.		3	14. Special Methods, 46, 2d Sem.		1 or 2
16. Languages, 89, 90, 105, 106, 109, 110, 117, 118, 119, 120, 143, 151, 152, 220. }		3	15. History of Education, 47, 1st Sem.		3
17. Methods of Teaching, 43, 44, 2d Sem.		3	16. Theory of Education, 50, 2d Sem.		3
18. Special Methods, 46, 2d Sem.		1 or 2	One of the options chosen must be either		
19. History of Education, 47, 1st Sem.		3	Chemistry or Electricity.		
20. Theory of Education, 50, 2d Sem.		3			
21. { Principles of Froebelian Philosophy, 51, 52, 55, 1st Sem. }		3			
{ Principles of Froebelian Philosophy, 51, 52, 55, 2d Sem. }		4			
22. Psychology, Child Study, 209, 210.		3			
23. Educational Psychology, 211, 1st Sem.		3			
24. Mathematics, 174, 175, 176, 177, 178.		3			
25. Theory of Music, 185.		2			

TEACHERS' COURSES IN ADELPHI COLLEGE.

1. Teachers and other mature persons whose qualifications are approved by the Faculty may present themselves for admission to the Teachers' Courses in Adelphi College by taking the regular entrance examinations in June or September, or by submitting to the judgment of the Faculty satisfactory diplomas, certificates, or other official evidences of scholastic work done. Applicants for admission, upon presentation of papers or before entering examinations, are required to pay a registration fee of five dollars to the Bursar.

2. Teachers of three years' experience in the High Schools of New York City, or teachers who have taught three years in the Public Schools of New York City under a Grade A certificate, may be excused from entrance examinations in History, Physiology, and Mathematics.

3. Teachers who have been in active service for at least three years shall not be required to pass entrance examinations in English, except in composition.

4. Teachers and other mature persons not candidates for a degree may be admitted to Teachers' Courses as special students upon the approval of the Faculty and the instructor in charge.

5. The courses for the especial benefit of teachers consist chiefly of afternoon, evening, and Saturday morning class-exercises in the prescribed studies of the College curriculum. Such courses will consist of at least two one-and-one-half-hour exercises a week for thirty weeks or, in case of a semestral study, for fifteen weeks. Scientific studies involving laboratory work must, unless otherwise ordered by the Faculty, be studied in residence at the Adelphi. If expenditures in a laboratory course for apparatus and materials shall, for any student, amount to more than the prescribed laboratory fee, the amount in excess may be charged to that student by the Bursar.

6. Teachers who wish to obtain a degree from Adelphi College must complete the prescribed curriculum in one of the three College courses—*i. e.*, the Language, the Literary, or the Scientific—and must spend at least one year as a student, devoting full time to study in Adelphi College, or must take at least eight Residence Courses in Adelphi College. The rule concerning the requirement of eight Residence Courses may be modified, at the discretion of the Faculty, in case of students who are admitted to the College upon letters of honorable dismissal from other colleges. No student who is actively engaged in teaching will be permitted to study more than two subjects in the Teachers' Courses at one time, except by special permission from the Faculty.

7. Students in the Teachers' Courses, who are candidates for a degree, may not take Senior studies until all entrance deficiencies have been made up.

8. All examinations will be held at the usual time in June or September, or in the last week of the first semester. Special examinations may not be held unless by consent of the Faculty and subject to the conditions prescribed by the Bursar.

9. Except by special consent of the Faculty, no instructor shall conduct a class in the Teachers' Courses unless at least six pupils apply for admission thereto.

10. The Faculty will accept properly authenticated certificates of work done within the class-rooms of other colleges, and certificates of work done in summer schools will also receive consideration if issued and guaranteed by a college or university of high standing. Certificates issued by private tutors will not be accepted.

11. An application to be admitted, upon certificate, to Adelphi College in its Teachers' Courses as a candidate for a degree, should be presented, together with certificates, to the Faculty, before June 15th or October 1st in each year. Applications for either Residence or Direction Courses should be filed with the Registrar on or before the same dates. Communications concerning the studies should be addressed to President C. H. Levermore, Adelphi College, or to the Dean's office. The Dean of women students in the College is Miss Alice Blythe Tucker; of the men students, Professor William C. Peckham. The office hours of the Deans are stated on pages 2, 3. Business communications should be addressed to the Bursar.

12. In accordance with the terms of the circular issued by the City Superintendent of Schools, under date of June 24, 1898, and specifying the requirements for a teachers' license No. 2, or Grade A, and for Head of Department licenses, the courses of instruction offered by Adelphi College in its various departments present to teachers a favorable opportunity for performing the work necessary in order to obtain either one of those certificates. For these purposes the City Superintendent approves all college classes excepting those which may be engaged upon the elementary study of a language.

13. All persons who enter the Adelphi Teachers' Course classes are required to enroll their names in the Bursar's office (east side of the Lafayette Avenue entrance), to pay one-half the tuition fee and to receive a card of admittance to the desired class. This card must be presented to

the teacher in charge of the class. No pupil, thus registered, may withdraw from the class without notifying the Bursar. No deduction is made on account of absence.

14. In view of recent changes in methods of teaching and the higher qualifications demanded for professional work, neither the course of study in the Training School, nor the head of Department certificate will hereafter be accepted as a substitute for Senior Pedagogics, if made matter of record prior to 1895.

15. Among the courses that will be offered for the year 1905-6, are the following, among which choices may be made:

<i>Probable Instructor.</i>	<i>No. of Course.</i>	<i>Subject.</i>
Miss BOTH-HENDRIKSEN	7 and 8 . . .	History of Art.
Professor GAINES	15 and 16 . . .	General Biology.
Professor GAINES	19 and 20 . . .	Sanitary Biology.
Professor FRADENBURGH . . .	37 and 214 . . .	Economics and Social History.
Miss SCOTT	56 . . .	History and Theory of Education.
Miss TUCKER	61, 62 and 63 . . .	Freshman English.
Professor LAWTON	119 and 120 . . .	Greek Literature in English.
_____	67 and 68 . . .	Junior English.
_____	81 and 82 . . .	Elementary French.
_____	83 and 84 . . .	Freshman French.
_____	87 and 88 . . .	Junior French.
Miss EVANS		Elementary German.
Professor COAR	101 and 102 . . .	Sophomore German.
Professor COAR	109 . . .	Historical German.
_____		Elementary Greek.
Professor LAWTON	111 and 112 . . .	Freshman Greek.
Mr. TANNER	130 . . .	American History.
Mr. TANNER	127 . . .	History of England.
Mr. TANNER	128 . . .	History of France.
_____	143 . . .	Italian.
_____		Elementary Latin.
Professor SANFORD	145 and 146 . . .	Freshman Latin.
Professor SANFORD	147 and 148 . . .	Sophomore Latin.
Mr. LOCKE	163 and 164 . . .	Sophomore Mathematics.
Prof. BOWDEN, 174, 175, 176, 177, 178 . . .		Senior Mathematics.
Professor HENDERSON	205 and 206 . . .	Psychology and Logic.
_____	211 . . .	Educational Psychology.
Professor PECKHAM	195 and 196 . . .	Physics.
Miss CUEVAS	220 . . .	Spanish.

Classes in other subjects will be organized, provided not less than six students apply for the same.

These courses will begin about October 1, 1905, subject to conditions imposed in foregoing regulations. The hour of class-exercise is to be determined by the convenience of both students and teachers.

EXPENSES.

ALL TUITION IS PAYABLE SEMI-ANNUALLY IN ADVANCE at the Bursar's office in the Academic Building.

The fees for tuition in the various departments of the College are now as follows:

Tuition in the College, per semester	\$90 00
Tuition in the College for Students in Teachers' Courses only, per semestral course	20 00
Registration Fee, Teachers' Courses only	5 00
Tuition in the Normal Departments, per semester	50 00
Tuition in the Art Departments, per semester	25 00
Special Examinations, each	5 00

There are no extra charges in the College Course except for materials used in the laboratories, and a fee of five dollars to cover the cost of the final diploma. In the Normal Department there is no extra charge for kindergarten materials.

N. B.—CHANGE IN FEE FOR TEACHERS' COURSES.—IN THE YEAR 1905-1906, the TUITION FEE in the TEACHERS' COURSES will be, PER COURSE OF THREE HOURS A WEEK, for one semester, \$18. This fee is estimated upon a rate of TWELVE DOLLARS FOR A COURSE OF ONE HOUR A WEEK for a year of thirty weeks.

Special Students are charged at the rate of \$30 a semester for each subject studied. Special students in the sciences are entitled to the same amount of laboratory work as that which is required of regular students; for extra work in the laboratories they pay \$20 a semester for each additional period. No special student is received for less than one semester. Special students who take three subjects pay the regular rate.

Students in Biology and Physics will pay in each subject a laboratory fee of \$5 to cover cost of materials. Students in the Chemistry classes will pay a laboratory fee of \$10 to cover cost of materials. No laboratory desk will be assigned before payment of the fee is made. All laboratory fees are payable only in the Bursar's office. When breakage or usage exceeds the amount of the laboratory fee, an additional charge will be made to cover the excess.

The College maintains a Book Room, where all books and stationery may be purchased by the students for cash.

No deduction is made for absence. Students who withdraw during the year are liable for tuition until the Bursar has been notified of the withdrawal.

The price of board and lodging in the neighborhood of Adelphi College is from \$5 a week upward. Table board can be obtained at prices ranging from \$4 a week upward.

Address all business communications to The Bursar, Adelphi College, Brooklyn.

EQUIPMENT.

I. Buildings. The group of buildings now occupied by the College fills the entire end of the block between Lafayette Avenue and Clifton Place, upon St. James Place. The main entrance of Adelphi College is on Clifton Place. The central building is an assembly hall, 50x72 feet, with sittings for about a thousand persons.

During the noon hour, daily, or from 11.40 to 1.30 o'clock, a warm luncheon can be obtained in a lunch room within the buildings.

The College building is served by an electric elevator.

The College provides accommodations for the clothing of pupils and takes due precaution for the security of such articles, but it cannot be responsible for their safety.

Convenient access to the buildings is provided by the Brooklyn Union Elevated R. R. (DeKalb or Greene Avenue Stations), or by the Greene, DeKalb, Franklin, Vanderbilt, and Fulton electric cars.

By arrangement with the officers of the Brooklyn Rapid Transit Company, a special car is run before 9 A. M. from Flatbush along Flatbush and Nostrand Avenues to Adelphi, so that the trip may be made without change and for one fare. Time-tables for these routes may be procured at the Bursar's office.

II. The Library and Reading Room. The Library now contains about ten thousand volumes. In the reading room the principal magazines and all leading educational periodicals are on file. Students also have access to the large collections of the Public Library, which maintains a branch in the vicinity, and to the Pratt Free Library, which is only one block distant from Adelphi.

III. The Laboratories. On the third floor of the College building are the mathematical and physical laboratories.

The mechanical drawing room is well lighted and contains a large collection of geometric models and machine types. There is also a complete equipment for the study of surveying.

There are two laboratories for physics, abundantly equipped, and a lecture-room with a seating capacity of one hundred.

The lecture-room is provided with an electric projecting lantern with vertical attachment, polarizing elbow and microscope, and the department possesses a large set of objects for projection. There is an electric lighting and power plant, consisting of a forty-horse power engine, a 250-light U. S. direct current dynamo, and three U. S. motors. During the hours of session these furnish current in the lecture-room and laboratories and drive the ventilating fans. At other times connection is made with the Edison three-wire system, giving a constant potential of 230 volts.

The fourth floor is occupied by the departments of chemistry and biology. The department of chemistry possesses, besides a lecture-room and a weighing-room, a *Main Laboratory*, a *Quantitative Laboratory*, an *Assay Laboratory*, and a *Blowpipe Laboratory* for the work in mineralogy and blowpipe analysis. The lecture-room has seats for eighty students, and is provided, like the physical lecture-room, with a specially constructed electric projecting lantern, with attachments for horizontal, vertical, and side projection, and special apparatus for the projection of microscopic objects.

A supply room contains a store of extra apparatus, from which the students can obtain all the material they require in their experimental work. This room is arranged for use as a photographic dark room, with complete apparatus for making lantern slides, including a fine copying, enlarging and reducing camera, and complete equipment for electric illumination, rendering it possible to do photographic work at all times without dependence upon sunlight.

In the rooms of the department of chemistry are exhibited the Mineralogical Collection, containing about two thousand specimens and a set of models of crystals. There is also a Geological Collection, including the representative fossils of all formations and large collections of the different kinds of rocks.

The biological laboratories are two in number and are well provided with facilities for botanical and zoölogical study, including dissecting and compound microscopes, a herbarium, mounting apparatus and various reagents, and a large amount of illustrative material, including a fine collection of type-vertebrate skeletons.

IV. The Gymnasium and Playing Field.—The gymnasium is in charge of a Director, who is a physician, and of a lady assistant. The

calisthenium is a spacious room provided with a piano, and with the usual equipment of wands, clubs and bells. The remaining space, besides dressing-rooms, bath-room and offices, contains two large rooms well supplied with all modern apparatus. In the central gymnasium are found handball courts and a basketball field.

The playing field is situated near Classon Avenue, between Park Place and Prospect Place. It is near the Franklin Avenue, Bergen Street and Vanderbilt Avenue line of cars, and is about twelve minutes' walk from the College. It contains ball fields, tennis courts, running tracks and a grand stand, with seats for two hundred and fifty persons. Underneath the grand stand are dressing-rooms, with lockers and bath-rooms. The carriage entrance to the field is on Prospect Place. The ordinary entrance is on Park Place, near Classon Avenue.

V. Scholarships.—In 1902, Mrs. Charles R. Baker founded and endowed a free scholarship in Adelphi College to be called the

SARAH CONSELYEA BAKER SCHOLARSHIP,

in memory of her daughter, who was graduated from Adelphi Academy with the class of 1896.

Five scholarships, of the value of \$180 each, and called THE BROOKLYN HIGH SCHOOL SCHOLARSHIPS, are offered annually to those members of graduating classes in Brooklyn High Schools who show the highest proficiency in competitive examination upon all the subjects required for admission to a course in Adelphi College. If candidates of sufficient merit present themselves, it is intended that each Brooklyn High School shall be represented among the winners of these scholarships, but the Faculty reserves the right to apportion the scholarships if necessary, without regard to the scholastic affiliations of the candidates. The examinations will be held in June of each year, usually upon the Tuesday, Wednesday and Thursday of the week before Commencement. Students in the Brooklyn High Schools are eligible for admission to these examinations if they are recommended by the principal of the school that they are attending, and if they have attained the age of sixteen years. Under the same conditions students who have been graduated from the high schools at the mid-year are eligible for admission to these examinations in the following June, provided that in the interval they have not become students in college. A similar scholarship, called The Adelphi Academy Scholarship,

is offered under the same terms and at the same competitive examinations to members of the graduating class in Adelphi Academy.

For further information concerning these scholarships and examinations address the Secretary of the Faculty, Dr. A. G. Fradenburgh, Adelphi College.

The College devotes each year a certain portion of its resources to the maintenance of scholarships for the benefit of indigent and deserving students. Those who need aid should communicate with the president before November 1st in each year of the College Course. A student applying for aid for the first time is required to present evidence in writing that he is worthy to receive assistance, and that such help is necessary to enable him to continue in collegiate studies. Assistance will be withdrawn from students who are irregular in attendance, or who fail to maintain a reputable scholarship.

VI. PRIZES. The Ossoli Prize.—This prize, having a value of fifty dollars, is offered annually for the best English essay written by a student in Adelphi College. The subjects are announced in May of each year for the competition during the year following, and the results of the competition are announced at Commencement time.

Barlow Medals.—In December, 1897, Mr. George Barlow, of Brooklyn, gave to the College the sum of \$5,000, to be known as the George Francis Barlow Fund, in honor of the donor's son, who was the valedictorian of the Adelphi Academy Class of 1878. Part of the proceeds of this Fund is devoted to the maintenance of the Barlow Medals, which may be awarded in June of each year to that student in each course of the Senior year in Adelphi College who has attained the highest rank in scholarship in all studies during the College Course. The remainder of the annual income from this Fund is devoted to the purchase of books, pictures, and apparatus.

Art School Prizes.—In the Art School a number of prizes are awarded to the winners in the annual competitions, which are described more fully in the section of this catalog relating to the department of fine arts. *q. v.*

Adelphi College Prizes in Taxation and Municipal Government.—

Ten prizes, amounting in value to a total of \$500, are offered in 1905 for the best essays from Adelphi College students; first, upon some subject in Taxation; and second, for some subject concerning Municipal Government exclusive of the topic of Taxation. There will be five (5) prizes for essays upon subjects in Taxation and five (5) prizes for essays upon other subjects in Municipal Government. In each subject there will be a first prize of \$100, two second prizes of \$50 each, and two third prizes of \$25 each.

VII. Lectures.—Besides the lectures of many kinds maintained annually by Adelphi within its own walls, the students are advised to avail themselves of the exceptional educational opportunities afforded them in the unrivaled lecture and concert courses of the Brooklyn Institute. A merely nominal annual fee admits any one to most of the facilities of the Institute. All of its work is conveniently near Adelphi; some of it is placed every year within Adelphi halls. The new Art Museum of the Institute is not far away and is more and more valuable as an educational force.

Hon. Frederick E. Crane, Secretary of the Board of Trustees of the College, lectures every week during the second semester to the members of the Junior Class upon "Law as related to the life of the citizen." These lectures form a part of the required work of the Junior year.

Dr. Eliza M. Mosher gives a short course of lectures at the beginning of each college year to the women members of the Freshman Class and of the first year Normal Class upon the subject of "The Body and the Care of it."

The Alliance Française of Brooklyn gives several series of lectures in French in the rooms of the College during the year, and the representatives of the Alliance and the Cercle Française have in each year lectured in the College Hall. This year these lecturers were Mm. Funck-Brentano and René Millet.

For the next year, 1905-06, the Department of Sociology makes the following special announcement:

In 1906 a course of fifteen lectures will be given to students in Adelphi College by Alexander Johnson, Associate Director of the School of Philanthropy, upon the subject: "Organized Charities: The History and Principles of Charity Organization." Collateral reading and a final examination are required of all who take this course. The lectures will be given in the second semester, twice a week during February and part of March.

THE NORMAL SCHOOL FOR KINDERGARTNERS.**Faculty.**

CHARLES H. LEVERMORE, Ph.D., President.

ANNA E. HARVEY, Professor of Froebelian Theory and Methods.
Superintendent of the School and Secretary of the Faculty.

FREDERICK W. OSBORN, B.A., M.A.,
Professor of Psychology and Philosophy.

ELIZABETH V. GAINES, B.A., M.A., Professor of Biology.

ERNEST N. HENDERSON, B.A., M.A., Professor of Education.

LOUISE BOTH-HENDRIKSEN, Instructor in the History of Art.

FREDA M. BRUNN, B.A., Instructor in Psychology and English.

FRANCES H. FLAGLER, Instructor in Physical Education.

CAROLYN STANFORD KIBBE, Instructor in Vocal Music.

ANNA GERTRUDE MORSE,
Instructor in Manual Training and Drawing.

ELIZA M. MOSHER, M.D., Lecturer upon Hygiene.

NELLIE LOUISE ROETHGEN, Instructor in Methods.

SARAH E. SCOTT, M.A., Instructor in Theory of Education.

This course extends through two years. Candidates for admission must be at least eighteen years of age, must have had either a high-school training or its equivalent, and must satisfy the Superintendent that they are competent to study kindergartening with prospect of success. Students who complete the full course and give satisfactory proof of efficiency and ability will receive a diploma certifying to their attainments. Only a limited number of students will be admitted to this school. Students who are found deficient in oral or written English will be obliged to show satisfactory improvement before they can receive the diploma of the school.

Course of Study.

First Year.

CLASS-ROOM WORK, 20 HOURS WEEKLY, EXCLUSIVE OF GYMNAS TIC PRACTICE.

Psychology, 208, 3 hours weekly.
Zoölogy and Botany, 14, 3 hours weekly.

Modern History, 139, 1st Sem. }
History of Education, 48, 2d Sem. }
3 hours weekly.

Mother-Play, 55, 1 hour weekly.

Music, 186, 1 hour weekly.

Drawing, 6, 2 hours weekly.

Stories and Games, 1 hour weekly.

Gifts and } with Observation,
Occupations, } 6 hours weekly.

Second Year.

IN THE FIRST SEMESTER 15 HOURS WEEKLY ARE DEVOTED TO PRACTICE TEACHING. CLASS-ROOM WORK FOR EACH SEMESTER IS SUBSTANTIALLY AS FOLLOWS:

Psychology, 209, 210, 3 hours weekly.

Sociology, 218, 2d Sem., 2 hours weekly.

Kindergarten Principles, 51, 1st Sem., 2 hours weekly.

Froebelian Theory and Methods, with Observation, 52, 2d Sem., 3 hours weekly.

Mother-Play, 56, 1 hour weekly.

Music, 186, 1 hour weekly.

Drawing, 6, 1 hour weekly.

Stories and Games, 2 hours weekly.

Gifts and Occupations, 1st Sem., 3 hours weekly.

Gifts and Occupations, with Observation, 2d Sem., 4 hours weekly.

Candidates for admission must present certificates from institutions of recognized standing, or be prepared to pass examinations in the following subjects: English (Grammar, Rhetoric, and Literature—the college entrance requirements for the year or their equivalent), General History, Physiology, Plane Geometry, Physics, and three years' study of a language other than English.

Candidates may present themselves for examination in September at the time of Adelphi College entrance examinations, as stated in the College calendar, or in June in the week before Commencement. Applications for admission to these examinations should be made at least one week before the date of the examinations, to the Superintendent,

Professor ANNA E. HARVEY, Adelphi College, Brooklyn, N. Y.

Terms: The fee for instruction in the Training Class is \$100 per annum, payable semi-annually. There are no extra charges for materials.

The Adelphi Normal School for Kindergartners was organized in 1893. The first class, consisting of nine members, graduated in 1895. At the present time sixty-five graduates of this school are teaching. Of this number, fifty-two are Directors in public school kindergartens in the city of New York.

The Adelphi Normal Kindergarten Alumnæ Association was organized in 1896. The officers for 1905 are: President, Amanda Edson, B.A., '00; Vice-President, Mrs. S. P. Silverman, '02; Recording Secretary, S. Josephine Birdsall, '00; Corresponding Secretary, Harriette Warren, '01; Treasurer, Bessie H. Thompson, '97. In 1898 this Association directed its efforts toward maintaining a free kindergarten at the Bureau of Charities, 1660 Fulton Street, Brooklyn. This work was carried on most successfully until June, 1901, when the Association transferred this kindergarten to the Free Kindergarten Society, and began to organize and maintain a free kindergarten in connection with the Ridgewood Household Club at 333 Bleecker Street, Brooklyn.

In addition to the practice teaching in the Alumnæ Kindergarten, the Normal students have opportunities to teach in the kindergartens of the Free Kindergarten Society of Brooklyn, the Church of the Incarnation (Quincy Street, near Classon Avenue), the Emmanuel Baptist Mission, the Atlantic Avenue Chapel, and the Meredith and Orton Free Kindergartens.

THE SCHOOL OF FINE ARTS.

Faculty.

CHARLES H. LEVERMORE, Ph.D., President.

JOHN B. WHITTAKER,

Superintendent of the School, and Professor of Painting and Drawing.

FREDERICK W. OSBORN, B.A., A.M.,

Professor of Psychology and Philosophy.

JOHN HYATT BREWER, F.A.G.O., Professor of Music.

ERNEST N. HENDERSON, B.A., M.A., Professor of Education.

LOUISE BOTH-HENDRIKSEN, Instructor in the History of Art.

FREDA M. BRUNN, B.A., Instructor in Psychology and English.

FRANCES H. FLAGLER, Instructor in Physical Education.

CAROLYN STANFORD KIBBE, Instructor in Vocal Music.

L. LELAND LOCKE, B.A., M.A., Instructor in Instrumental Drawing.

ANNA G. MORSE, Instructor in Drawing and Manual Training.

The whole of the fifth floor of the Collegiate Building is devoted to the Art School. There is a spacious studio, which is furnished with full- and half-sized statues, large and small torsos, busts, masks, and reliefs. There is also a large room for classes in drawing and painting from life. Besides, there are three rooms for modeling, the making of casts, and for the use of small classes. There is also a manual training workroom. All the studios are open daily from 9 A. M. until 4 P. M.

The special student entering the Art School is independent of the other departments of the school, and there are no restrictions as to age. One may choose, according to predilection or ability, between the antique, still life, portrait, figure, charcoal, pastel, oil and water color, or he may include all in his studies for which he finds time. Evening classes (antique, life, and sketch) meet on Mondays, Tuesdays and Thursdays from 7.30 to 10 P. M. Terms for evening classes, \$2 per ten weeks. Terms for day classes are \$25 per semester, or \$50 per annum.

Students in this department are admitted to all privileges of the College library and reading room.

The annual exhibition of the work of the pupils of the Adelphi Art School is usually held on the last Friday and Saturday in May of each year.

The drawings of the students are arranged in classes, and prizes are awarded as follows:

- Best bust from the Antique.....A silver medal.
- Best figure from the Antique.....A gold medal.
- Best head from Life.....A silver medal.
- Best figure from Life.....A gold medal.

In the class in painting a silver medal is awarded for the best draped figure from life, and a gold medal for the best nude figure from life.

The student who is regarded as showing the greatest improvement during the year receives a silver medal.

The award of all prizes is made by a jury specially chosen for this purpose, which inspects the drawings and paintings upon exhibition. The prizes are presented to the winners during Commencement week.

Those competitors whose work is regarded as next in excellence to that of the winner receive honorable mention.

In all classes in the Art School there is a monthly review of the work of the students and those subjects which deserve especial commendation receive a mark of honor.

NORMAL ART COURSE.

Courses in the Art School and the College have been combined so that they constitute a normal training for students who wish to become teachers of drawing. Applicants for admission to this course, who intend to become candidates for drawing certificates, must be at least 18 years of age, and must either be graduates of a high school or be able to show by examination that they possess an equivalent preparation. All applicants will be required also to pass an examination in drawing, set by the Superintendent of the Art School. Students in the Normal Art Course are required to attend five whole-day sessions weekly (whole-day session, 6 hours), and also such sessions of the evening life classes and the Sketch Club as are designated by the Superintendent. The course is for two years, and a diploma is awarded to those students who complete the work of the course satisfactorily. The fee for instruction in the Normal Art Course is \$100 a year, payable semi-annually in advance. All students in this course may, at the discretion of the Superintendent and Faculty, be required to attend courses of lectures upon Art that are among those delivered each year before the Brooklyn Institute.

Course of Study.

Numerals after title indicate number of course in "Courses of Study."

q. v.

First Year.

Cast Drawing and Clay Modeling,
1, 4 half-day sessions.
Free-hand Perspective, 3.
Sketching and Composition, 2,
3 half-day sessions.
Instrumental Drawing, 5, 1 half-
day session.
History of Art, 7, 8, 2 hours
weekly.
Psychology, 208, 3 hours weekly.
History and Theory of Education,
47, 50, 3 hours weekly.

Second Year.

Cast Drawing, 1, 1 half-day ses-
sion.
Free-hand Perspective and Sketch-
ing, 2 and 3, 2 half-day ses-
sions.
Composition, 2 half-day sessions.
Water Color, 4, 2 half-day ses-
sions.
Elementary Manual Training, 3
hours weekly.
History of Art, 9, 10, 1 hour
weekly.
Psychology, 209, 210, 3 hours
weekly.
Educational Psychology, 211, and
Methods of Education, 43 and
44, 3 hours weekly.

For circulars and other information concerning the School of Fine Arts and Normal Art School, address the Superintendent,

PROF. J. B. WHITTAKER,
Adelphi College,
Brooklyn.

L' ALLIANCE FRANÇAISE.

L'Alliance Française is a French Association having for its object the cultivation of an interest in the French language and French literature in foreign countries. This association has branches all over the world. There are over sixty in the United States. The Brooklyn branch was organized at Adelphi College in May, 1898. At first the meetings were held in private houses. As the association grew larger, Adelphi offered the use of a room for the regular monthly meetings. In October, 1902, the College also gave the use of its classrooms for the free evening classes in French which have ever since been maintained by the Brooklyn branch. In November, 1903, the Brooklyn Alliance Française was affiliated with Adelphi College by the unanimous vote of the Board of Trustees of the College. The Alliance offers, each year, a silver medal to the best French student in the local high schools. A large bronze medal is also offered to the most proficient student of French in the local evening high schools. Free classes in French are carried on from October to May, three evenings in the week. The Alliance meets once a month, from October until May. These meetings are social gatherings in which French only is spoken. The French lectures given in Adelphi College yearly by distinguished Frenchmen are open to all members of the Brooklyn branch.

In February, 1904, the Alliance Française was requested to take charge of the French Department of the Brooklyn Institute of Arts and Sciences, the president of the Alliance becoming the chairman of the executive committee of that department. During the winter of 1904-1905, a series of lectures on French history, art and literature has been given by Frenchmen under the auspices of the Brooklyn Alliance, Adelphi College, and the Brooklyn Institute. These lectures, in French, take place twice a month on Tuesday evenings at Adelphi College, beginning in October, and they are open to members of the Alliance, of the Institute and to teachers and students in Adelphi College.

For further information about the Alliance address the Secretary of the Alliance Française, Adelphi College.

STUDENTS' ORGANIZATIONS.

Branch of the Young Women's Christian Association—Mary H. Levermore, '05, President; Anna K. Van Vranken, '05, Vice-President; Meta E. Schutz, '06, Secretary; Jane H. Davis, '07, Treasurer. Departments: Membership, Frances Napier; Religious Meetings, Grace S. Ramsay; Bible Study, Katherine A. Diffenderfer; Missionary, Ruth Benson; Social, Winifred E. Rose; Intercollegiate, Mary K. Flagler; Practical Service, Anna K. Van Vranken.

College Students' Association for Self-Government—Organized, 1896. College Women: Emily G. Chapman, '05, President; Winifred E. Rose, '06, Vice-President; Grace A. Broadhurst, '07, Secretary; Florence Chin-nock, '08, Treasurer. Executive Committee—Seniors: Katherine F. Tobin, Ethel B. Hall; Juniors: Marguerite F. Welles, Meta E. Schutz; Sophomores: Jane H. Davis, Florence Boole; Freshmen: Mildred B. Bunting, Alice H. Lapidge.

College Men—Joseph Gale Dunn, '05, President; Frederick L. Onken, '06, Vice-President; Ivan K. Coffin, '07, Secretary and Treasurer.

College Girls' Glee Club—Professor John Hyatt Brewer, Director; Pauline P. Hathaway, '05, President; Ida P. Brown, '06, Vice-President; Florence C. Davenport, '05, Secretary; Grace Delano, '07, Treasurer; Ruth Benson, '05, Librarian; Katherine A. Diffenderfer, '05, Assistant Librarian.

College Men's Glee Club—Professor John Hyatt Brewer, Director; Frederick L. Onken, '06, President; Mark S. Reardon, '05, Vice-President; Paul Handrich, '07, Secretary; J. H. Schaumloeffel, '08, Treasurer; W. E. Hoschke, '08, Librarian.

Mathematical Club—Dr. Joseph Bowden, President; Professor Horace H. Howe, Vice-President; Miss Clara L. Crampton, 95 Gates Avenue, Secretary; every third Tuesday in Room 74, at 4.30 P. M.

Historical Club—Dr. A. G. Fradenburgh, President; Gertrude I. Sayler, '07, Secretary.

Club for Social Studies—Bertha Chapman, '06, President; Mira A. Kelly, '06, Secretary; Frederick L. Onken, '06, Treasurer.

Die Bodenrunde—A social club organized for the purpose of conversation in German. Dr. J. F. Coar, Honorary President; Ethel Stevens, '06, President; Marguerite F. Welles, '06, Vice-President; Selma Isenburger, '07, Secretary; Martha Kobelt, '06, Treasurer.

The Sketch Club—David B. Holland, President; Mrs. J. B. Whitaker, Vice-President; Addie B. Muir, Secretary; B. Olive Whitmore, Treasurer.

Adelphi College Debating Club—Meta E. Schutz, '06, President; Bertha Chapman, '06, Vice-President; Rose Brenner, '06, Secretary; Executive Committee, Selma Isenberger, Elizabeth M. Kerrigan, Rachel Natelson.

Dramatic Association—Florence C. Davenport, '05, President; Marguerite F. Welles, '06, Vice-President; Neva Haight, '06, Secretary; Elizabeth M. Kerrigan, '06, Treasurer.

The Round Table—Rose Brenner, '06, President; Grace Delano, '07, Vice-President; Florence C. Davenport, '05, Secretary; Meta E. Schutz, '06, Treasurer.

Oracle Board—Rose Brenner, '06, Editor-in-Chief; Dora D. Stone, Bertha Chapman, Winifred E. Rose, Marguerite F. Welles, Mary K. Flagler, Mira A. Kelly, Associate Editors; John J. McDonald, Beatrice Goldsmith, Frances Napier, Business Managers.

College Girls Athletic Association—Florence C. Davenport, '05, President; Dora D. Stone, '06, Vice-President; Frances D. Compton, '08, Secretary; Edna J. Wakefield, '07, Treasurer.

Students' League for the Benefit of Adelphi College:

Adelphi Academy Chapter—Anna K. Van Vranken, '05, President; Bertha Chapman, '06, Vice-President; Pauline P. Hathaway, '05, Secretary; Mabel K. Swezey, '07, Treasurer.

Erasmus High School Chapter—Ida P. Brown, '06, President; Winifred E. Rose, '06, Vice-President; Gertrude I. Sayler, '07, Secretary; Elizabeth M. Kerrigan, '06, Treasurer.

Girls High School Chapter—Florence C. Davenport, '05, President; Katherine F. Tobin, '05, Vice-President; Grace Delano, '07, Secretary; Alice H. Lapidge, '08, Treasurer.

Manual Training High School Chapter—Ruth Benson, '05, President; Mildred B. Bunting, '08, Vice-President; Abraham Holzmänn, '06, Secretary; Florentina Caras, '07, Treasurer.

Cercle Sévigné—A social club organized for the purpose of acquiring facility in French conversation. Officers: Neva Haight, '06, President; Frances E. Napier, '06, Secretary and Treasurer.

The Lituus—Published weekly by students in Adelphi College. Editorial Board: Katherine F. Tobin, '05, and Joseph G. Dunn, '05, Editors-in-Chief; Florence C. Davenport, '05, and Frederick L. Onken, '06, Business Managers.

The Adelphi Chapter of the Ridgewood Household Club—An association composed of Adelphi Academy, College and Normal Alumnæ, for the purpose of Christian and philanthropic work. This work had its beginning in a free Kindergarten established by the Normal Alumnæ in 1898, at the United Charities Building. The Chapter conducts settlement work at 333 Bleecker Street, Brooklyn. Officers: Margaret E. Johnson, A., '97, C., '99; Vice-President, Margaret C. Holmes, N., '95; Treasurer, Ethel R. Hall, C., '05; Secretary, Mary M. Hopkins, A., '97; Assistant Secretary, Florence Hanna.

Adelphi College Alumni Association.

Organized January 19, 1901. Officers: Mrs. Lucy Taylor Lewis, '99, President; Caroline S. Norton, '00, Vice-President; Mabel A. Knudson, '99, Corresponding Secretary; Christine Van Cleve, '02, Recording Secretary; Juliette G. Hollenback, '02, Treasurer.

Commencement, June 12-14, 1904.

The baccalaureate sermon was delivered on Sunday evening, June 12th, in the Central Congregational Church, by the pastor, Rev. Dr. S. Parkes Cadman.

The Commencement Exercises were held in the Central Congregational Church, on Tuesday evening, June 14th. Rev. Dr. S. Parkes Cadman offered prayer, and an address was delivered by Hon. John A. Taylor.

The degree of Master of Arts was conferred, *causa honoris*, upon CHARLOTTE MORRILL and WILLIAM ORDWAY PARTRIDGE.

The following persons were admitted to the degree of Bachelor of Arts:

AMRATH, ADELE BABETTE
BALBIN, EMILIA ALICIA
BOOLE, EMILY ROBBINS
BRIGGS, MAE
BROWN, GWENDOLEN
CARSON, ESTHER ELIZABETH
CASAMAJOR, MARTHA
CASE, ANNA
DEAN, CLARA BARTLETT
ELMORE, MARY ELIZABETH
DE FREMERY, ELINOR VERNON
FRITH, MARIE STEWART
GAUVРАН, ETHEL HARNED
GRAF, BERTHA FLORA
HAWKINS, FLORENCE LITTLEJOHN
IVES, ELOISE STONE
JEWELL, EDITH

KELLEY, JOSEPHINE
KEYES, ANGELA MARY
KING, KATHARINE J.
KOOS, CHARLOTTE KATHRYNA
LICHTENSTEIN, IDA MAY
VON NOSTITZ, EMILIE CASPERINE
PFEIFFER, JENNY IRENE
PLUMP, JULIA HOWELL
PRITCHARD, ANNA MAY
RIGHTER, JESSIE HARRIS
RITTER, ALICE EMILY BORGFELDT
STONE, KATHERINE WEAVER
TABER, MARION HEATON
TUTHILL, DOROTHY ELLIOTT
WHEELER, HATTIE
WHITNEY, MARION SIMPSON

Diplomas of the Normal School for Kindergartners were awarded to the following persons:

CAREY, MARY LOUISE
CARPENTER, ALICE
CARSON, ESTHER ELIZABETH
CASSIDY, BONNIE CLARKE
CONKLIN, HARRIET ELLEN
CRANDALL, VIRGINIA AUGUSTA
CUDDY, EDNA BIRDSALL
DESPARD, ADELE LOUISE
DILLER, HELEN ELIZABETH

DOWNES, BESSIE ERETSON
DUNN, MARY MYRETTA
ENTWISTLE, MARGARET
FISHER, ANITA LUDDEN
FOWLER, JENNIE FRANCES
GARDNER, HELEN WOODWARD
CRANBERRY, MABEL EUNICE
LEARY, GERTRUDE MARIE
LOCKWOOD, FLORENCE WHITE

MCNEILL, NELL FRANCIS
 MURNANE, FLORENCE JULIETTA
 PAGE, AUGUSTA LOUISE
 PFEIFFER, JENNY IRENE
 RHOADS, ADELINE ISABELLE
 RICE, ELIZA FITCH

SEIDENBERG, FLORENCE GWENDOLYN
 STEPHENSON, FANNIE ETHEL
 STORM, ALIDA VANCE
 THORNE, MAY THERESA
 WHITNEY, MARION SIMPSON
 WOLFERZ, META AUGUSTA

The Junior College certificate, signifying the satisfactory completion of all the prescribed work of the first two college years, was conferred upon the following students:

BÄHR, IDA MARY
 BARCLAY, MARGARET ETHEL
 BRENNER, ROSE
 BROWN, IDA POOLE
 CASAMAJOR, ROBERT
 CHAPMAN, BERTHA
 CLARK, LEILA COOK
 CLEMENCY, ANNA E.
 CODDINGTON, JESSIE THEODOSIA
 COMMISKEY, GRACE ETHEL
 DUFFEY, FLORENCE JOSEPHINE
 ELDER, MAUREEN PEARL
 FLAGLER, MARY KIRK
 GOLDSMITH, BEATRICE
 GOODWIN, EMILY NICHOLS
 HAIGHT, NEVA
 HENRY, IDA M.
 HOLZMANN, ABRAHAM
 KELLY, MIRA ANNIE
 KERBY, HARRIET ADELIA
 KERRIGAN, ELIZABETH MARY

KOBELT, MARTHA
 MACKINTOSH, MARGARET CREIGHTON
 McDONALD, JOHN JOSEPH
 MESSERLE, EVA LOUISE
 NAPIER, FRANCES ERMINA
 NASON, HARRIETTE STOUTENBURGH
 O'MALLEY, TERECE RUBY
 ONKEN, FREDERICK LUDWIG
 PARKER, FLORENCE ELISE
 PETERSON, WILHELMINA MARGARETA
 QUINLAN, FRANCES M.
 ROOT, LULA MAY
 ROSE, EMILY WINIFRED
 SCHUTZ, META ELIZABETH
 STEVENS, ETHEL
 STONE, DORA DAVENPORT
 SULLIVAN, JANET
 USHER, MATILDA
 WALL, EDITH BELLE
 WHITE, BESSIE MATILDA
 WOOD, ETHEL JULIA

Award of Scholarships and Prizes.

HIGH SCHOOL SCHOLARSHIPS in Adelphi College, five in number, entitling the holder to free tuition in the class of 1908, open to graduates of Brooklyn High Schools, were awarded upon competitive examination as follows:

1. SIGRID C. FREEBERG.....of the Girls' High School
2. MILDRED B. BUNTING.....of the Manual Training High School
3. FLORENCE B. CHINNOCK.....of the Erasmus Hall High School
4. ELIZABETH D. WAGNER.....of Eastern District High School
5. ALICE H. LAPIDGE.....of the Girls' High School

Winners of similar scholarships in the class of 1907 were:

1. GRACE DELANO.....of the Girls' High School
2. MARION F. RELPH.....of Erasmus Hall High School
3. LILIAN I. WHITLOCK.....of the Girls' High School
4. CHARLOTTE A. ULRICH.....of the Girls' High School
5. MATILDA A. BREID.....of Erasmus Hall High School

Winners of similar scholarships in the class of 1906 were:

1. ROSE BRENNER.....of the Girls' High School
2. JOHN F. MACDONALD.....of Erasmus Hall High School
3. MAUREEN P. ELDER.....of the Girls' High School
4. META A. SCHUTZ.....of Erasmus Hall High School
5. WINIFRED ROSEof Erasmus Hall High School

THE SARAH CONSELYEA BAKER scholarship for the year 1904-1905 was awarded to RUTH BENSON of the Class of 1905.

BARLOW MEDALS for excellence in scholarship during the first two years of the College Course were awarded to ROSE BRENNER, Language Course, 1906, and to IDA POOLE BROWN, Literary Course, 1906.

THE OSSOLI PRIZE (value of \$50) for the best English essay upon a literary subject was awarded to MARY HOYLAND LIVERMORE, 1905, for an essay upon "Nathaniel Hawthorne as an Exponent of New England Life."

Judges of Award: Dr. Julian W. Abernethy, Professor F. W. Osborn, and Professor Wm. C. Lawton.

Adelphi College Prizes for Essays in Taxation and Municipal Affairs.

Judges of Award: Mr. Abner S. Haight, Dr. Fred S. Shepherd, Mr. John A. Taylor.

Winners of prizes on subjects in Taxation:

First Prize (\$100) awarded to ELINOR DE FREMERY, of the Senior Class, for essay entitled "Taxation of Street Railroads."

Second Prize (\$50) awarded to MARK S. REARDON, of the Class of 1907, for essay entitled "Taxation of Mortgages."

Second Prize (\$50) awarded to KATE L. HODGES, of the Class of 1903, for essay entitled "A Tax on Honesty."

Third Prize (\$25) awarded to EMILIA A. C. BALBIN, of the Class of 1904, for essay entitled "Taxation of Mortgages."

Third Prize (\$25) awarded to JULIA PLUMP, of the Class of 1904, for essay entitled "A Tax on Honesty."

Winners of prizes on subjects on municipal affairs other than taxation:

First Prize (\$100) awarded to CLARA B. DEAN, of the Class of 1904, for essay entitled "State Control of City Government."

Second Prize (\$50) awarded to EDWIN JONES, "Special" student, for essay entitled "The City as a Business Corporation."

Second Prize (\$50) awarded to JOSEPH G. DUNN, of the Class of 1905, for essay entitled "State Control of the City."

Third Prize (\$25) awarded to DOROTHY TUTHILL, of the Class of 1904, for essay entitled "Causes of Corruption in City Politics."

Third Prize (\$25) awarded to CHARLOTTE KOOS, of the Class of 1904, for essay entitled "The City as a Business Corporation."

Senior Honors in Scholarship.

The highest honors in scholarship during the last two years of the college course were awarded among members of the Senior Class as follows:

1. In Astronomy:

ANNA CASE.

2. In English:

EMILY ROBBINS BOOLE.

GWENDOLEN BROWN

DOROTHY ELLIOTT TUTHILL

3. In German Language and Literature:

EMILY ROBBINS BOOLE.

4. In Greek Language and Literature:

KATHERINE WEAVER STONE.

5. In History :

CLARA BARTLETT DEAN.

EDITH JEWELL.

6. In Latin Language and Literature :

MARY STEWART FRITH.

KATHERINE WEAVER STONE.

7. In Philosophy :

EMILY ROBBINS BOOLE.

KATHERINE WEAVER STONE.

GWENDOLEN BROWN

Art School Medals.

Medals of excellence in the work of the Art School during the year were awarded as follows:

FOR DRAWING FROM THE ANTIQUE.

DRAWING OF THE BUST.

1st Prize, Silver Medal MAY A. LATHAM.

Honorable Mention MARIE A. SENCION.

DRAWING OF THE FIGURE.

1st Prize, Gold Medal LIDA C. HODGSON

Honorable Mention IDA A. SCHMICKL.

FOR DRAWING FROM LIFE.

DRAWING OF THE HEAD.

1st Prize, Silver Medal MARY C. CARPENTER.

Honorable Mention WANDA STORY.

DRAWING OF THE FIGURE.

1st Prize, Gold Medal MARY C. CARPENTER.

1st Honorable Mention ERNEST BRAXTON.

2d Honorable Mention MARIE F. UHLIG.

FOR PAINTING FROM LIFE.

PAINTING OF THE DRAPED FIGURE.

1st Prize, Silver Medal	THEODORE SHOUDY.
Honorable Mention	MARIE F. UHLIG.

PAINTING OF THE NUDE FIGURE.

1st Prize, Gold Medal	C. MARGUERITE ROBINSON.
Honorable Mention	MARIE F. UHLIG.

FOR THE GREATEST IMPROVEMENT IN DRAWING DURING THE YEAR.

Silver Medal	EMANUEL SCHULTZ.
--------------------	------------------

The judges of award were James C. Beard, George McCord, Thomas Jensen.

GIFTS DURING THE YEAR 1904.

1. The Senior Class presented to the College at Commencement time a sum of money which enabled the College to spend \$350 for the benefit of the Library.

2. The William Ashenhurst Dunn Memorial was completed by the purchase of three art books: Constable's National Worthies, Kristeller's Andrea Mantegna (Longman's), and Ricci's Pintoricchio (Heinemann). The other portions of the Memorial are three life-size casts of Goujon's Nymphs and a classic cast of "Orpheus and Eurydice," and two pictures, one of the statue of King Arthur at Innsbruck, and one of Michael Angelo's statue upon the tomb of Giuliano de Medici. All of these are in the hallway at the entrance to the College Building. For this Memorial to a beloved teacher in Adelphi College, the College is chiefly indebted to the editorial staff of *The Adelpian* in the year 1901-02, at the head of which was Joseph Gale Dunn, of the Class of 1905.

3. The Warren T. Webster Fund, of which Professor F. W. OSBORN is custodian, and which is intended for use as a library fund, was increased during the year by donations amounting to \$221.55. The donors prefer not to have their names announced.

4. Miss BEATRICE THORNE, of the Class of 1906, presented to the Library the works of Jean Paul Richter, in eight volumes, in memory of her father, JOHN E. THORNE.

REGISTER OF STUDENTS IN ADELPHI COLLEGE. 1904-1905.

GRADUATE STUDENTS.

AREY, MILDRED G., B.A. (Vassar, '03).
 ELMORE, MARIE ELIZABETH, B.A. (Adelphi, '04).
 HAWKINS, FLORENCE LITTLEJOHN, B.A. (Adelphi, '04).
 HODGES, KATE LOUISE, B.A. (Adelphi, '03).
 HOLLENBACK, JULIETTE GENEVE, B.A. (Adelphi, '02).
 JEWELL, EDITH, B.A. (Adelphi, '04).
 KOOS, CHARLOTTE KATHRYN, B.A. (Adelphi, '04).
 LICHTENSTEIN, IDA MAY, B.A. (Adelphi, '04).
 PFEIFFER, JENNY IRENE, B.A. (Adelphi, '04).
 SEAMAN, MARY ELIZABETH, B.A. (Swarthmore, '99)—II.
 TUTHILL, DOROTHY ELLIOTT, B.A. (Adelphi, '04.)

SENIOR CLASS.

Benson, Ruth	Pashley, Mrs. Isabel Peckham
Briggs, Ida	Perozo, Marie Dolores
Brown, Elizabeth Miller	Phillips, Anna L.
Burn, Alice Maria	Powers, Lillian Irene
Cashman, Joseph Francis	Ramsay, Grace Stuart
Chapman, Emily Gertrude	Reardon, Mark S., 3d., L.L.B..
Coddington, Jessie Theodosia	L.L.M., (N. Y. Law School, '00,
Coffin, Mary Elizabeth	'02).
Davenport, Florence Cornelia	Sands, Edith Melville
Diffenderfer, Katharine Alarcon	Schradiack, Helen Elizabeth
Dunn, Joseph Gale	Smithwick, Alicia Victoria
ForsheW, Frances	Starkey, Mary Florence
Fulda, Louise Marie	Swan, Jeanne Washburn
Hall, Ethel Reid	Tobin, Katherine Fitzpatrick
Hathaway, Pauline Parker	Tomlin, Stella Millicent
Livermore, Mary Hoyland	Van Vranken, Anna Kellum
Mackintosh, Margaret Creighton	Volentine, Mrs. Mary Foster
Nearing, Alice	Wilding, Agnes Veronica—35
O'Brien, Helen Madge	

JUNIOR CLASS.

Artmann, Florentine Emilie	Chapman, Bertha
Bähr, Ida May	Clark, Leila Cook
Barclay, Margaret Ethel	Clemency, Anna Elizabeth
Brenner, Rose	Commiskey, Grace Ethel
Brown, Ida Poole	Duffey, Florence Josephine
Carpenter, Doris	Elder, Maureen

Fish, Alice Reber
 Flagler, Mary Kirk
 Goldsmith, Beatrice
 Goodwin, Emily Nichols
 Haight, Neva
 Halbert, Anna Evelina
 Henry, Ida M.
 Holden, Gertrude Elizabeth
 Holler, Madeline
 Holzmman, Abraham
 Howell, Alfred Van Buren
 Jackson, Helen Maria
 Kelley, Mira Annie
 Kerrigan, Elizabeth Mary
 Kneeland, Jessie
 Kobelt, Martha
 McDonald, John Joseph
 McDonald, Milo Francis
 Messerle, Eva Louise
 Miller, Lydia
 Mudge, Clara Desbrow
 Nagle, Regina Alice Holt
 Napier, Frances Ermina

Nason, Harriette Stoutenburgh
 O'Grady, Caroline Geraldine
 O'Malley, Terece Ruby
 Onken, Frederick Ludwig
 Parker, Florence Elise
 Peterson, Wilhelmina Margarethe
 Platt, Emilie Louise
 Potter, Marianna Simmons
 Pritchard, Harriet Small
 Quinlan, Frances Marie
 Quinlan, Grace Mary
 Roethgen, Nellie Louise
 Rose, Emily Winifred
 Schutz, Meta Elizabeth
 Slator, Hattie Isabelle
 Stevens, Ethel
 Stone, Dora Davenport
 Sullivan, Janet
 Usher, Matilda
 Wall, Edith Belle
 Welles, Marguerite Fitch
 Wentworth, Clare Louise—57

SOPHOMORE CLASS.

Anderson, Lorentious Olif
 Beavers, Genevieve Winifred
 Bishop, Ethel Annie
 Boole, Florence
 Breid, Martha Anna
 Broadhurst, Grace Adele
 Cantor, Blanche Gertrude
 Caras, Florentina
 Cardozo, Louis Lopez
 Coffin, Ivan Robert
 Davis, Jane Hendrickson
 Delaney, Lauretta Irene
 Delano, Grace
 Eldredge, Florence Virginia
 Fuller, Alice May
 Goddard, Ruth Emily
 Grant, Theresa

Handrich, Paul Charles
 Hobbs, Alice Emily
 Isenberger, Selma
 Kerby, Harriet Adelia
 Keyes, Katharine Mary Agnes
 Levy, May
 Lopez, Blanche Eliska
 Mapelsden, Madolin Mary
 Matteson, Kate Laura
 McCann, Virginia Adelaide
 Messerle, Amelia Stack
 Mills, Grace Elizabeth
 Natelson, Rachel
 Newton, Helen Gertrude
 Olsen, Carrie Harriette
 Perkins, Alice
 Redlefsen, Robert Gordon

Relph, Marion Florence
 Roth, Helen Elizabeth
 Rowlands, Mary Jane
 Sayler, Gertrude Isabel
 Schlivinski, Charles
 Shift, Eva Madeline
 Shift, Lilian Oliver
 Starkey, Warren Lafayette
 Stanton, Bessie
 Steger, Ethel Montgomery
 Stevens, Elaine

Swezey, Mabel Kathleen
 Teschemacher, Helen Anna
 Thorne, Beatrice Sara
 Ulrich, Charlotte Arlington
 Wakefield, Edna Jessie
 Walsh, Loretta Margaret
 Welles, Julia Theodora
 Whitlock, Lillian Isabelle
 Williams, Ida May
 Williamson, Marguerite Moliere—55

FRESHMAN CLASS.

Adler, Milton
 Akerly, Maud Edna
 Brombacher, Annie E.
 Buchanan, Louise Cuyler
 Bunting, Mildred Brantigham
 Butsch, Marion A.
 Callaghan, Eugenie
 Campbell, Harold George
 Carolan, Anna Benedicita
 Chapple, Louis Albert
 Chinnock, Florence Beatrice
 Compton, Frances Denio
 Crocker, May Frank
 Cuevas, Rosalia del Pilar
 Dahlman, Gertrude A.
 Decker, Fannie Hull
 Denham, Sidonie Adele
 Doran, Ella Teresa
 Dunne, Susie Frances
 Foote, John Paul
 Freeberg, Sigrid Charlotte
 Geiss, Anna Marie Claire
 Glass, Ida Anna
 Graham, Margaret
 Grouse, Irene Edythe
 Haines, Mabel Woodward
 Harris, Anna Graham
 Haskins, Theresa Howard
 Hawthorn, Mrs. Carrie Augusta
 Heidenheim, Bertha
 Hilmer, Doretta Carolina

Hoschke, William Edward
 Hubbard, Maroc
 Ireland, Susie May
 Juhring, Mabel Isabelle
 Kelly, Elizabeth Loretta
 Krakower, Henrietta
 Lapidge, Alice Harriette
 Laux, Thomas Ahearn
 Marler, Daisy Corrick
 Matzdorf, Jennie Marie.
 McGuire, Loretta
 Messenger, Henrietta Searing
 Murphy, Florence Shillard
 O'Donoghue, Lillian Inez
 Ogden, Edith
 Owen, Lucille M.
 Pell, Rosalie Muriel
 Phyfe, Martha
 Schaumloeffel, John Henry
 Schnurr, Edith Winifred
 Stebbins, Delia A.
 Stewart, Evelyn Maud
 Stokes, Jessie Leighton
 Turner, Eva Gertrude
 Unger, Gertrude Newland
 Wagner, Elizabeth Dorothy
 Walker, Jennie
 Weeks, Irma Marjorie
 Werrey, Edna M.
 Wynblad, Sigrid Victoria—61

UNCLASSIFIED STUDENTS.

Ahearn, Josephine M.	* Orr, Mary Marks
Ameli, Mary Jane	Peppard, Marguerite O.
Barnes, Matilda Josephine	Pratt, Caroline
Brice, Margaret Jane	Quinby, Edith
Close, Mary Cecilia	Quinn, Henry Arthur
Cohen, Fannie Rosetta	Reardon, May Magdalen
Curren, Irene S. Dolores	Reeve, Stella May
Daniels, Fannie Edith	Rendell, Harriet Elizabeth
Eldred, Mary Louise	Riley, Marietta
Faulkner, Alice Shekleton	Robbins, Robert L.
Geiss, H. M. Matilda	Robinson, Mrs. Cornelia Stagg
Hagen, Bertha Anne	Schwab, Sophie
Hall, Edith Rachel	Shellard, Warren Philipps
Hayes, Katherine Moran	Smith, Martha J.
Hoage, Norma	Stevens, Mary Sydney
Holmes, Carrie Geneva	Stone, Lucy Evelyn
Holmes, Margaret Cook	Stout, Mabel
Hornstein, Ignus Osborne	Stoutenbergh, Blanche
Hoyer, Katherine Moran	Swartz, Mabel Rolfe
Hyde, Justus Chauncey	Taylor, Jeannette S.
Jones, Edwin	Travers, Isabel
Jones, Mabel F.	Vanderhyde, Marion Veronica
Leslie, Florence Mabel	Von Rodeck, Mrs. Annie J.
Loud, Helen Susan	Walker, Emma
Lowe, Mary	Walsh, Richard Paul
McKenna, Helen Josephine	Watson, Alice Dare
Millington, Clara	Wendel, Carrie Elizabeth
Monte, Florence Esther	Whelan, Catherine B.
Morse, Anna Gertrude	Wills, Anna
Nichols, Ellen Elizabeth	Winter, John Joseph—61
O'Malley, Elizabeth Anna	* Died February 13, 1905.

NORMAL SCHOOL FOR KINDERGARTNERS.

SECOND YEAR CLASS.

Carlin, Katherine A.	Denham, Mabelle Douglas
Chadeayne, Mary Ella	Dewes, Carrie Belle
Clark, Henrietta Elizabeth	Dewes, Sophie Grace
Delapierre, Blanche E.	Espenschied, Clare Louise

Faulkner, Belle Revington	McLaughlin, Pauline Rodman
Fowkes, Elsa Adelaide	Meehan, Mary
Frith, Mary Stewart (B.A., Adelphi, '04)	Miller, Daisy
Gardiner, Mabel Ethel	O'Day, Elizabeth Stephany
Graff, Ruth Miriam	Pearse, May
Hayes, Margaret Veronica	Pearson, Nellie Regina
Hays, Isabel J.	Peddle, Clara Smith
Hewlett, Florence Carman	Phillips, Myrtie Agnes
Howe, Jane Milne	Reynolds, Florence Emily
Hyer, Edith Adele	Ryan, Martha J.
Keller, Catharine Loretta	Sinsabaugh, Marion Lloyd
Leverich, Sarah Elizabeth	Smith, Ethel Elizabeth
Lynch, Josephine M.	Sullivan, Anna Madeline
MacInnes, Mildred Estelle	Sullivan, Gertrude
MacManus, Virginia Edna	Vaughan, Frances Madelon
McCann, Carrie Mabel	Weir, Adelaide M.
McCleary, Margaret	White, Anna Worthley
McKillop, Margaret	Wilcock, Lavina May—44

FIRST YEAR CLASS.

Archer, Alice Evelyn	Hempsey, Laura Cecilia
Ashurst, Cleo Cecilia	Henderson, Alice Isabel
Aubrey, Edna Lewis	Hocart, Alice Marguerite
Bassett, Matie Louise	Howard, Loretta Eugenia
Behrends, Minnie Randall	Jenkins, Joanna D.
Branch, Almeda L.	Keenan, Florence Geraldine
Carey, Agnes Gertrude	Kerr, Grace Lothian
Caskey, Ethel Young	Knickerbocker, Helen Howes
Conway, Ethel Marie	Leahy, Florence Elinor
Corduke, Angela Helen	Layton, Martha Glover Capers
Cornelius, Vernie Gertrude	Mahoney, Eileen Patricia
Cullen, Julia Wall	Murphy, Marie Veronica
Dauenhauer, Florence Barbara	Peterkin, Agnes Anna
De Mott, Florence Ellen	Richards, Mabel
Ebeling, Johanne Marie	Rittenhouse, Evelyn Isabelle
Eichbauer, Edith Margaret	Rose, Olga Louise
Gaffney, Beatrice Josephine	Rowe, Helen Josephine
Gauvin, Dorothy Lillian	Sheriff, Rebecca
Haggerty, Elizabeth Margaret	Smith, Millicent Daisy
Haight, Neva	Taber, Edna Russell

Tate, Winifred
 Taylor, Ella
 Taylor, Lucy
 Thom, Ethel Marcia
 Tibball, Lillian Louise

Wall, E. Belle
 Welch, Marie Louise
 Wilson, Emily Augusta
 Young, Dora Aleen

SPECIAL.

Brunn, Ilse V.

—50

THE SCHOOL OF FINE ARTS.

NORMAL COURSE.

Brown, Ethel L.

Latham, May A.—2

DAY CLASSES.

Ablitzer, Alfred G.
 Alcott, Mabel F.
 Arneberg, Roberta
 Benton, Mrs. Katherine L.
 Bishop, Elsie E.
 Bock, Mrs. Jennie V.
 Burn, Ethel
 Burn, Grace
 Carpenter, Mary C.
 Carroll, Mrs. Vena
 Cartledge, Edith
 Chew, Alice M.
 Coffin, Estelle
 Comstock, Elizabeth A.
 Coleman, Philip H.
 Constable, Louise Estelle
 Connell, John Vernon
 Crombie, Ruth Elizabeth
 Dodge, Warrena
 Doremus, Maud
 Espaumberger, Hermine
 Evans, Sara Louise
 Fraser, May Florence
 Gerehart, Isabel
 Gesswein, Edward W.
 Hawes, Adeline
 Hodgson, Mrs. Lida J.

Judy, Gertrude R.
 Kelley, Josephine
 Knight, Helen Van Allen
 Knowles, Ethel Henderson
 Koehler, Mabel Margrette
 Lapis, John
 Leitner, Mrs. Annie H.
 Leland, Genevieve M.
 Lewis, Robert H.
 Lichtenstein, Ada
 Lichtenstein, Georgianna
 Maske, Grace
 McClees, Douglas
 Moore, Florena Irene
 Murr, Addie Burgess
 Nash, Beatrice
 Nicholas, Josephine E.
 Peterson, Metta H. M.
 Pfarre, Gertrude P.
 Prout, Alice Boole
 Rathbun, Lillian Evelyn
 Ray, Edith
 Robinson, C. Marguerite
 Roeck, Robert
 Rosenon, Olga
 Schott, Ethel M.
 Scribner, Marion

Schultz, Emanuel
 Smith, Laura G.
 Stearns, Edith Josephine
 Steuben, Grace Armenia
 Stillson, Mabelle Coe
 Stirrup, Ethel H.
 Story, Wanda

Stubbs, Beatrice Anna
 Suydam, Elizabeth
 Uhlig, Marie E.
 Van Everen, Jay
 Von Holleuffer, Helen
 Wood, Carrie—67

EVENING CLASSES.

Andrews, Frank S.
 Ariel, Arthur J.
 Ballon, Frederick G.
 Ballon, George
 Barrett, Earl
 Barrett, Newton
 Bartholomew, Frederick
 Baur, William Christian
 Braxton, Ernest W.
 Brown, Ethel L.
 Carpenter, Louis
 Carroll, Mrs. Vera
 Chew, Alice M.
 Christianson, Maximillian
 De Villas, Joseph Clinton
 Dickerson, Anna M.
 Downs, Eunice M.
 Edroff, Andrew N.
 Evans, Mrs. George A.
 Fairfield, Georgia
 Fitzmaurice, Mrs. Charles
 Gormdrey, Henry E.
 Graeve, Oscar R.
 Graeve, Virginia B.
 Green, George
 Hathaway, Edward B.
 Himer, Henry A.
 Holland, David
 Holland, Fanny H.
 Holland, Russell E.

Hotchkiss, Helen M.
 Kenny, Loretta E.
 Kinsey, Edward A.
 Krebs, Theodore J.
 Lapis, John
 Latham, May A.
 Lester Charles
 Lightner, Mrs. Anna H.
 Lightner, Lee
 Macoy, Mary D.
 McClees, Blanche
 McClees, Douglas
 Meinecke, Ida
 Morse, Anna G.
 Murr, Adeline Burgess
 Olsen, Harry E.
 Rice, Helen
 Roe, Albert
 Russman, Felix
 Schnell, Emil H.
 Schradieck, Alice
 Schroeder, Katherine
 Smith, Rudolph W.
 Spencer, Mary
 Tomasso, Camille
 Van Everen, Jay
 Von Salzen, Charles
 Wallack, André R.
 Whitmore, Olive Bedell—59

RECAPITULATION.

THE COLLEGE.

Graduate Students	11	
Senior Class	35	
Junior Class	57	
Sophomore Class	55	
Freshman Class	61	
Unclassified	61	
		280

NORMAL SCHOOL FOR KINDERGARTNERS.

Second Year Class	44	
First Year Class	50	
		94

SCHOOL OF FINE ARTS.

Normal Course	2	
Day Classes.....	67	
Evening Classes.....	59	
		128

		502
Deduct names inserted twice	11	

Total in Adelphi College, 1905 491

INDEX.

	PAGE
Admission, terms of	13-18
Alliance Française	56
Alumni Association—College	59
Alumni Association—Normal School	52
Art School	53-55
Barlow Medals	48
Calendar, 1905-1906	2
Car, special, to Adelphi	45
Certificates, Junior College	10
Commencement, 1904	60-65
Conspectus of Collegiate Studies	between 40 and 41
Courses of Study in College alphabetically arranged	18-40
Degrees, requirements for	10-12
Equipment	45-47
Examinations for Entrance	16, 17
Expenses	44, 45
Faculty of the College	7-9
Gifts to Adelphi, 1904	65
Lectures	49
Normal Schools for Kindergartners and Art Teachers	50-52, 54, 55
Office Hours	2, 3
Prizes	48-49, 62-65
Scholarships	47, 48, 61, 62
Students' Organizations	56-59
Students' Register of 1904-1905	66-73
Teachers' Courses, Rules and Announcements	41-44
Trustees, Board of, Officers and Committees of	4, 5

Adelphi College

DEPARTMENTS AND SCHOOLS:

1. LANGUAGE COURSE, Degree, B.A.
2. LITERARY COURSE, - Degree, B.A.
3. SCIENTIFIC COURSE, Degree, B.S.
4. NORMAL SCHOOL

For Kindergartners and Art Teachers

5. ART SCHOOL
-

For full information concerning these five departments
consult this catalog

6. ADELPHI ACADEMY

A thorough preparatory school. For full
information concerning it send for the
Academy circular * * * * *

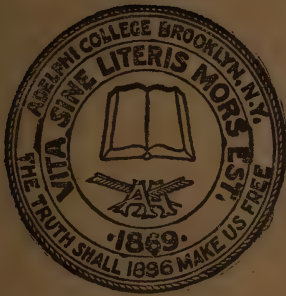
For all catalogs and circulars address

THE REGISTRAR

Adelphi College, Brooklyn

A
106
op. 2

ADELPHI COLLEGE



CATALOG, 1905-1906

Adelphi College Needs

Endowment Funds, both general and special
in character, and money to provide
increased room in its buildings



1. An annex to its present buildings would cost \$50,000.
2. There is at present no special endowment for any professional chair in the College Faculty. A gift of from \$50,000 to \$100,000 would endow such a chair and might constitute a memorial to the donor.
3. A gift of \$5,000 would establish a free scholarship in perpetuity for the benefit of needy and deserving students. There is need for a large number of such scholarships.
4. A general endowment fund is needed to provide for the acquisition of a suitable campus, with buildings and equipment, such as a young and growing college will need in the near future.
5. The present College building contains the foundations of an astronomical observatory. The observatory could be completed and a suitable telescope procured by an expenditure of from \$5,000 to \$10,000.
6. The Library has an endowment fund amounting to a little more than \$1,000. It should be \$100,000.

Form of a Bequest of Money

I give and bequeath to Adelphi College, in Brooklyn, for its corporate purposes the sum ofdollars, to be paid to the said corporation by my executors.

Form of a Bequest of Real Estate

I give and devise to Adelphi College, in Brooklyn, for its corporate purposes all (here describe lands or property devised).



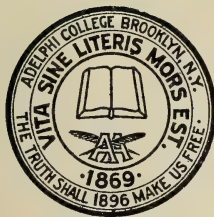
CLINTON L. ROSSITER, Treasurer
44 Court Street, Brooklyn



ADELPHI COLLEGE

CATALOG.

1906.



Lafayette Avenue, St. James Place and Clifton Place,
BROOKLYN, N. Y.

PUBLISHED FOR THE COLLEGE.

1906.

CALENDAR

1906-1907

Commencement. Thursday, June 14, 1906.

Entrance examinations held at Adelphi

College under the auspices of the College

Entrance Examination Board..... Monday, June 18, to Saturday,
June 23, 1906.

For terms, address: Sec. of Coll. Entr. Exam. Board.

Sub-Station 84, New York City.

First Semester begins Wednesday, September 19, 1906.

Entrance Examinations at the College..... September 19-21, 1906, and Jan-
uary 24-26, 1907.

Recitations begin Monday, September 24, 1906.

Second Semester begins..... January 30, 1907.

Mid-Year Convocation February 1, 1907.

Commencement Thursday, June 13, 1907.

HOLIDAYS.

Thanksgiving Day and the following day, Washington's Birthday, Lin-
coln's Birthday, Decoration Day, and Election Day.

Spring Recess, 1906—April 13, 1906, to April 22, 1906, inclusive.

Exercises close at the end of the afternoon session, Thursday, April
12, 1906. Exercises are resumed Monday, April 23, 1906.

Christmas Recess, 1906-07—December 22, 1906, to January 1, 1907, inclusive.

Exercises close at the end of the afternoon session, Friday, December
21, 1906. Exercises are resumed Wednesday morning, January 2, 1907.

Spring Recess, 1907—March 29, 1907, to April 7, 1907, inclusive.

Exercises close at the end of the afternoon session, Thursday, March 28,
1907. Exercises are resumed Monday morning, April 8, 1907.

OFFICE HOURS

(Except on holidays and during the usual recesses of the college year.)

The President, daily, on and after September 7, 9.15 to 10.30 A. M.

The Bursar, session days, on and after September 10, 9 A. M., to 12 M.; 2 P. M. to 4 P. M.

The Dean of the college women, in Room 51, from 9.15 A. M. to 10.00 A. M., session days; for students in teachers' courses Tuesdays, 3.30 to 5.00 P. M.

The Dean of the college men in Room 70; for students in teachers' courses, Tuesdays until Nov. 1st, 3.30 to 5.00 P. M.

Superintendent of the Normal course. For teachers and students, Mondays, 4 to 5 P. M., Room 1. For the public, Wednesdays, 2 to 3 P. M., Room 1.

The Secretary of the Faculty, Fridays, 2.30 to 4 P. M. and Saturday mornings from 9 to 10, in the Registrar's office.

Directors of Physical Education: Dr. Pettit, every morning, except Saturday, 8.30 to 9.15; Thursdays and Fridays, 2 to 3 P. M.; Miss Flagler, Mondays and Wednesdays, 11 A. M. to 12 M.

The Art School is open to visitors for inspection on Wednesday mornings.

The Library is open session days, 8.30 A. M. to 5 P. M.

The Gymnasium is open session days, 9 A. M. to 5 P. M.; Saturdays, at the pleasure of the Director, 9 A. M. to 12 M.

The Registrar's office, Clifton Place entrance, is open daily from 8.30 A. M. to 12 M., from the first of September until the Monday before the beginning of the first semester. On and after that Monday, the office is open daily from 9 A. M. to 12 M., and from 2 P. M. to 4 P. M.

For catalogs and other information address "The Registrar, Adelphi College, Brooklyn."

BOARD OF TRUSTEES

Names, except that of the President, in order of seniority.

TIMOTHY L. WOODRUFF, <i>President</i>	94	Eighth Avenue.
ROBERT D. BENEDICT.....	363	Adelphi Street.
JOHN A. TAYLOR.....	159	So. Oxford Street.
CHARLES H. LEVERMORE.....	30	St. James Place.
JEROME E. MORSE.....	129	St. James Place.
ANNIE G. TRUSLOW (Mrs. F. C. Truslow)...	61	So. Portland Ave.
AMELIA B. HOLLENBACK (Mrs. J. W. Hollenback),		460 Washington Avenue.
JOHN N. BEACH.....	178	So. Oxford Street.
JOHN C. KELLEY.....	247	Hancock Street.
CLINTON L. ROSSITER.....	48	Montgomery Place.
MATTHEW HINMAN.....	480	Vanderbilt Avenue.
HENRY U. PALMER.....	216	Clinton Avenue.
MARY E. BUTTERICK.....	406	Franklin Avenue.
DAVID H. VALENTINE.....	188	Hancock Street.
FREDERICK E. CRANE, <i>Vice-President</i>	854	Prospect Place.
REV. S. PARKES CADMAN, D.D.....	2	Spencer Place.
L. ROWLEY PHILLIPS.....	191	Gates Avenue.
HERBERT K. TWITCHELL.....	153	So. Oxford Street.
CHARLES J. McDERMOTT, <i>Secretary</i>	495	Eighth Avenue.
LUDWIG NISSEN.....	1397	Dean Street.
WILLARD H. WHEELER.....	274	Washington Ave.
LLEWELLYN A. WRAY.....	1165	Dean Street.
FRANK FREEMAN.....	213	Washington Avenue.
J. EDWARD SWANSTROM.....	77	Halsey Street.
HERMAN A. METZ.....	253	Clinton Avenue.

OFFICERS AND COMMITTEES

TIMOTHY L. WOODRUFF.....*President.*

FREDERICK E. CRANE.....*Vice-President.*

CLINTON L. ROSSITER.....*Treasurer.*

CHARLES J. McDERMOTT.....*Secretary.*

Executive Committee: TIMOTHY L. WOODRUFF, ROBERT D. BENEDICT, CLINTON L. ROSSITER, FREDERICK E. CRANE, HERBERT K. TWITCHELL, CHARLES H. LEVERMORE, HENRY U. PALMER, JOHN N. BEACH, CHARLES J. McDERMOTT.

Finance Committee: HERBERT K. TWITCHELL, L. ROWLEY PHILLIPS, JOHN C. KELLEY, LUDWIG NISSEN, WILLARD H. WHEELER, J. EDWARD SWANSTROM, HERMAN A. METZ.

Committee on Instruction: CHARLES H. LEVERMORE, JEROME E. MORSE, JOHN A. TAYLOR, ANNIE G. TRUSLOW, MARY E. BUTTERICK, FREDERICK E. CRANE, LLEWELLYN A. WRAY.

Committee on Buildings and Grounds: HENRY U. PALMER, AMELIA B. HOLLENBACK, DAVID H. VALENTINE, JOHN N. BEACH, CHARLES J. McDERMOTT, FRANK FREEMAN.

Art School Committee: MATTHEW HINMAN, MARY E. BUTTERICK, AMELIA B. HOLLENBACK, JOHN C. KELLEY, S. PARKES CADMAN,

In Memoriam

Charles W. Homer

Extract from a minute adopted at a meeting of the Board of Trustees, April 24, 1905:

"Rev. Charles W. Homer, D.D., who died on April 5, 1905, was one of the original trustees of the Adelphi Academy. He continued to be a trustee from the incorporation of the Academy in 1869 till the year 1904, with the exception of the time between June, 1873, to April, 1875. He was also a trustee of Adelphi College from its incorporation in 1896 till his death. At his death, therefore, he was the Senior Trustee of the Board. No one of the present Board was a member of it when his service began.

"The Trustees herewith place in the minutes of the Board this permanent record of their sense of the great indebtedness of the Adelphi to Dr. Homer for all that he has done in its service during so many years, and also of their sense of the sterling Christian character, of the excellent judgment, of the faithfulness in duty, and of the gentleness and patience of spirit which were always manifest in Dr. Homer's life, and which characterized his action as a member of the Board."

OFFICERS OF INSTRUCTION AND GOVERNMENT

EXECUTIVE OFFICERS

CHARLES HERBERT LEVERMORE, Ph.D., President of the College.

WILLIAM CLARK PECKHAM, M.A., Dean of College Men.

ALICE BLYTHE TUCKER, M.A., Dean of College Women.

ADELBERT GRANT FRADENBURGH, Ph.D.,
Secretary of the College Faculty.

JOHN BARNARD WHITTAKER, Superintendent of the Art School.

ANNA E. HARVEY, Superintendent of the Normal School.

FACULTY OF THE COLLEGE

(NAMES OF THE FACULTY, EXCEPT THAT OF THE PRESIDENT, STAND IN ORDER OF
APPOINTMENT TO PROFESSORSHIPS OR ASSISTANT-PROFESSORSHIPS.)

CHARLES HERBERT LEVERMORE, B.A. (Yale, '79),
Ph.D. (Johns Hopkins, '86), President.

FREDERICK WEBSTER OSBORN, B.A., M.A. (Yale, '55, '58),
Professor of Psychology and Philosophy.

WILLIAM CLARK PECKHAM, B.A., M.A. (Amherst, '67, '70),
Professor of Physics.

WILLIAM WALDEMAR SHARE, Ph.B., Ph.D. (Columbia, '81, '84),
Professor of Chemistry and Geology.

HENRY STOUT PETTIT, M.D. (L. I. College Hospital, '90),
Director of the Gymnasium and Professor of Physical Education.

WILLIAM CRANSTON LAWTON, B.A. (Harvard, '73),
Professor of the Greek Language and Literature.

ELIZABETH VENABLE GAINES, B.A. (Adelphi, '98),
M.A. (Columbia, '04), Professor of Biology.

JOHN A. SANFORD, B.A. (Brown, '82), Ph.D. (Univ. of Minn., '94),
Professor of the Latin Language and Literature.

FACULTY OF THE COLLEGE—Continued

- JOSEPH BOWDEN, B.A., Ph.D. (Yale, '91, '97),
Professor of Mathematics.
- JOHN HYATT BREWER, Fellow of American Guild of Organists, 1902,
Professor of Music.
- ADELBERT GRANT FRADENBURGH, B.A. (Allegh. Coll., '90),
Ph.D. (Univ. Wis., '94), Professor of History and Politics.
- ERNEST NORTON HENDERSON, B.A., M.A. (Univ. of Cal., '93, '94),
Ph.D. (Columbia, '03), Professor of Education and Psychology.
- JOHN FIRMAN COAR, (Kaiser Wilhelm Gymn., Koeln, '84),
M.A., Ph.D. (Harvard, '97, '00),
Professor of the German Language and Literature.
- WILLIAM ALEXANDER ROBB KERR, B.A., M.A. (Toronto, '99, '01),
M.A., Ph.D. (Harvard, '02, '04), Professor of the Romance
Languages and Literature.
- EDWIN A. GREENLAW, B.A., M.A. (Northwestern, '97, '98),
M.A. Ph.D. (Harvard, '03, '04),
Professor of the English Language and Literature.
- WILLIAM PHELPS MACFARLANE,
Assistant Professor of Oratory and Elocution.
- ALICE BLYTHE TUCKER, B.A., M.A. (Toronto, '96, '00),
Assistant Professor of the English Language and Literature.

INSTRUCTORS

- MME. ANGELINE BAZINET, Instructor in French.
- LOUISE BOTH-HENDRIKSEN, Instructor in the History of Art.
- FRANCES H. FLAGLER, Instructor in Physical Education.
- ALEXANDER JOHNSON, Lecturer upon Sociology.
- L. LELAND LOCKE, B.A., M.A. (Grove City Coll., '96, '00),
Instructor in Mathematics.
- J. HERBERT LOW, B.A., M.A. (Amherst, '90, '95),
Instructor in History in Teachers Course Classes.

INSTRUCTORS—Continued

- ELIZA MARIA MOSHER, M.D. (Michigan, '75),
Lecturer upon Hygiene.
- HELEN ELIZABETH SCHRADIECK, B.A. (Adelphi, '05),
Instructor in German.
- SARAH ELIZABETH SCOTT, M.A. (Adelphi, '98),
Instructor in Pedagogics.
- ELIZABETH HILL SPALDING, B.A. (Vassar, '74),
Instructor in English in Teachers Course Classes.
- EDWIN PLATT TANNER, B.A., M.A. (Columbia, '97, '98),
Instructor in History.
- LOUISE LÉONIE VIMONT, Instructor in French.
- MESSRS. ROBERT D. BENEDICT, FREDERICK E. CRANE, ER-
NEST H. PILSBURY and LLEWELLYN A. WRAY,
Lecturers upon Law.

ADMINISTRATIVE OFFICERS AND ASSISTANTS

- CHARLOTTE MORRILL, M.A. (Adelphi, '04).....Registrar
- EMILY BURNS MITCHELL.....Bursar
- MABEL FARRLibrarian
- JOHN G. EWING.....Superintendent of Buildings
- ANNA CADLE OAKMAN.....Assistant Bursar
- AZUBA BROWN WILEY.....Secretary
- VIOLA DAVISAssistant

ADELPHI COLLEGE

COURSES AND DEGREES

Adelphi College was incorporated by the Regents of the University of the State of New York, at Albany, Wednesday, June 24, 1896. The degrees issued by Adelphi bear the seals of both the University and the College, and are signed by the Chancellor of the Board of Regents and the State Commissioner of Education, as well as by the officers of the College. The courses of study in Adelphi College are arranged so that students who are qualified to enter the Freshman class may begin work either in September or in February of the Freshman year. Eight semesters of work are required for graduation. Students who complete their preparatory work in the local high schools or elsewhere at the mid-year, may therefore continue their studies at once in Adelphi College without loss of time.

A Junior college certificate is granted at the close of the Sophomore year to all students who have satisfactorily completed all the prescribed work of the first two college years.

Students who complete the required amount of work in either the Language or the Literary Course, to the satisfaction of the Faculty, will receive the degree of Bachelor of Arts; in the Scientific Course they will, under similar conditions, receive the degree of Bachelor of Science. The course of study may be completed either in January or in June, but the conferring of degrees will usually occur at the June Commencement. Students in the Language Course who are candidates for a degree must offer at least one year's work in a science with laboratory practice; in the Literary Course, at least two similar courses in science are required. All courses in Adelphi College are open to students without any restrictions concerning sex.

Fifteen hours a week of class-room work, exclusive of laboratory hours and of time for physical education, are required in each of the first two years. In each of the Junior and Senior years, fourteen hours a week of class-room work are required, and students may not select more than six hours a week of work in any one department. All choice of optional studies is subject to the approval of the Faculty. The students in the Scientific Course who wish to make a more technical study of the sciences than is outlined in the Conspectus can do so under the direction of the Faculty.

To students who intend to become teachers, the college courses offer especial advantages in the pedagogical options, which permit a student to present studies preparatory for teaching, as a part of the work leading to a degree. Students who complete satisfactorily these pedagogical studies and win the Bachelor's degree can gain admission directly to the city examinations for licenses to teach in the public schools.

Among the various lectures offered at the College during each year three courses are especially important as a part of the required work. In the Freshman year all women students are required to attend a course of lectures upon hygiene and another course of lectures upon social duties. All students in the Junior Class are required to attend during the second semester a course of lectures on Law.

REQUIREMENTS FOR MASTER'S DEGREE

The degree of Master of Arts may be awarded by the Faculty of Adelphi College on the following conditions:

1. The candidate must be a Bachelor of Arts (or a Bachelor of Science) of Adelphi College, or must have concluded a course of undergraduate study in some other institution which the Faculty of Adelphi College approves as the equivalent of the undergraduate course in Adelphi College. Special conditions may in some cases be imposed for admission to candidacy of a student who is not a Bachelor of Arts or a Bachelor of Science of Adelphi College.

2. All applicants for admission to candidacy for the degree of Master of Arts must submit to the Secretary of the Faculty an official record of their previous studies, which record in the cases of applicants not Bachelors of Arts or Bachelors of Science of Adelphi College, shall be approved by the Faculty before the applicant is admitted to candidacy for the degree of Master of Arts. This record must be submitted on or before the last Wednesday in September.

3. The ordinary requirement for the degree of Master of Arts consists of a full year of residence-study approved by the Faculty as affording suitable preparation for the degree, and completed with high credit.

4. The applicant shall submit on or before the last Wednesday of September, to the Secretary of the Faculty, for approval by the Faculty, a program of the studies which the applicant purposes to pursue as a candidate for the degree of Master of Arts. The program of study must form a consistent plan of work, to be pursued with some definite aim, but need not lie wholly in *one* department or field. It must not include studies or courses which (or the equivalent of which) have formed part of the candidate's undergraduate work and have been counted toward the degree of Bachelor of Arts or Bachelor of Science.

5. The work approved by the Faculty as affording a suitable preparation for the degree of Master of Arts must ordinarily consist of at least *three* courses of instruction of advanced grade pursued for two semesters each or of the equivalent of three such courses, and of special work carried on with the approval of the department or departments in whose field the special work is done and under the direction of one of its instructors. These courses should involve at least the equivalent of twelve hours of class-room work. The results of this special study must be embodied in a thesis satisfactory to a Committee of the Faculty, which thesis shall be submitted not later than May 1st, to the Secretary of the Faculty for approval by the Faculty.

6. Candidates for the degree of M. A. will receive a final written examination upon all work taken in preparation for that degree.

7. The following courses offered at Adelphi College have been approved by the Faculty as affording suitable preparation for the degree of Master of Arts, provided they have not been offered by the candidate for the degree of B. A. or B. S.; the numbers refer to the descriptive paragraphs correspondingly numbered under the caption, "Courses of Study," in the latest issue of the College catalog or circular;

Biology—19, 20; Chemistry—29, *a & b*; 31, 33; Economics—39, 40; Education—46, 47, 50; English—67, 68, 69, 70, 71, 72, 73, 74; French—85, 86, 87, 88, 89, 90, 93, 94; Geology—97, 98; German—101, 102, 103, 104, 105, 106, 108, 109; Greek—115, 116, 117, 118, 119, 120; History and Polit.—129, 130, 131, 132, 137, 138; Italian—143; Latin—147, 148, 149, 150, 151, 152; Mathematics—165, 169, 170, 171, 172, 174, 175, 176, 177, 178; Mineralogy—179 *a & b*, 181; Music—184, 185; Philosophy—189, 190, 191; Physics—197, 198, 199, 200; Psychology—211; Sociology—214, 215, 216, 217.

8. Any one of these courses will ordinarily be given if so many as five students apply for it. As a general rule courses involving advanced work in any department and not included in the foregoing list can be given if called for by not less than ten students.

REQUIREMENTS FOR ADMISSION

Applicants for admission to the Freshman Class must be at least fifteen years of age and able to pass satisfactory examinations in the subjects required for admission to any one of the three courses as designated below.

Special students of a mature age, not candidates for a degree, may be admitted to courses of study which they are competent to pursue, upon presentation of satisfactory evidence of proficiency.

I. ENGLISH.

NOTE.—No candidate will be accepted in English whose work is notably deficient in point of spelling, punctuation, idiom, or division into paragraphs.

The candidate may offer preparation in the uniform college entrance requirements in English, as follows:

1. *Reading and Practice.* The candidate will be required to present evidence of a general knowledge of the subject matter of the books here named and to answer questions concerning the lives of the authors. The form of the test will usually be the writing of paragraphs upon chosen topics.

In connection with these tests, the candidates may present an exercise-book, properly certified by an instructor, containing compositions or other written work done in connection with the reading of the books. The books set for this part of the examination are:

In 1906, 1907, 1908: Shakspeare's *Macbeth* and the *Merchant of Venice*; *The Sir Roger de Coverley Papers*; Irving's *Life of Goldsmith*;

Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe* and *The Lady of the Lake*; Tennyson's *Gareth and Lynette*, *Launcelot and Elaine*, and *The Passing of Arthur*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

In 1909, 1910 and 1911, ten books selected from the following list as prescribed below, are to be offered for this examination.

GROUP 1 (two to be selected). Shakspeare's *As You Like It*, Henry V., Julius Cæsar, Merchant of Venice, and Twelfth Night.

GROUP 2 (one to be selected). Bacon's *Essays*, Bunyan's *Pilgrim's Progress*, Part I, Franklin's *Autobiography*, The *Sir Roger de Coverley Papers*.

GROUP 3 (one to be selected). Chaucer's *Prologue*, Goldsmith's *Deserted Village*, Palgrave's *Golden Treasury* (First Series), Books II and III., with especial attention to Dryden, Collins, Gray, Cowper and Burns. Pope's *Rape of the Lock*, Selections from Spenser's *Faerie Queene*.

GROUP 4 (two to be selected). Blackmore's *Lorna Doone*, Dickens's *Tale of Two Cities*, Eliot's *Silas Marner*, Mrs. Gaskell's *Cranford*, Goldsmith's *Vicar of Wakefield*, Hawthorne's *House of the Seven Gables*, Scott's *Ivanhoe*, Scott's *Quentin Durward*, Thackeray's *Henry Esmond*.

GROUP 5 (two to be selected). Carlyle's *Heroes and Hero Worship*, De Quincey's *Joan of Arc*, and the *English Mail Coach*, Emerson's *Essays* (Selected), Irving's *Sketch Book*, Lamb's *Essays of Elia*, Ruskin's *Sesame and Lilies*.

GROUP 6 (two to be selected). Coleridge's *The Ancient Mariner*, Scott's *The Lady of the Lake*, Byron's *Mazeppa* and *The Prisoner of Chillon*, Palgrave's *Golden Treasury* (First Series), Book IV, with especial attention to Wordsworth, Keats and Shelley, Macaulay's *Lays of Ancient Rome*, Poe's *Poems*, Lowell's *The Vision of Sir Launfal*, Arnold's *Sohrab and Rustum*, Longfellow's *The Courtship of Miles Standish*, Tennyson's *Gareth and Lynette*, *Launcelot and Elaine*, and *The Passing of Arthur*, Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Evelyn Hope*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *The Boy and the Angel*, *One Word More*, *Hervé Riel*, *Pheidippides*.

2. *Study and Practice.* This part of the examination presupposes a more careful study of each of the works named below. The examination will be upon subject matter, form, and structure.

In addition the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

In 1906, 1907, 1908: Burke's Speech on Conciliation with America; Macaulay's Essays on Johnson and Addison; Milton's Minor Poems (Comus, Lycidas, L'Allegro, Il Penseroso); Shakspere's Julius Cæsar.

In 1909, 1910, 1911: Burke's Speech on Conciliation with America, or Washington's Farewell Address and Webster's First Bunker Hill Oration; Macaulay's Essay on Johnson, or Carlyle's Essay on Burns; Milton's Minor Poems (Comus, Lycidas, L'Allegro, Il Penseroso); Shakspere's Macbeth.

2. FRENCH.

a. Minimum requirement. A knowledge of fundamental principles of grammar; as rules for the formation of the plural and of the feminine in nouns and adjectives, the use of the articles, the place of the pronouns, and the regular and irregular verbs. Reading of two French books, as "Colomba," by Merimée; "L'Abbé Constantin," by Halévy; and of two plays arranged by Bôcher, such as "Mademoiselle de la Seiglière," by J. Sandeau; and "Le roman d'un jeune homme pauvre," by Feuillet. Equivalents may be offered.

b. Maximum requirement. A thorough knowledge of French grammar; use of the tenses, rules for the subjunctive and for the past participle, government of verbs, formation of adverbs, French idioms.

Reading: "Le Pêcheur d'Islande," Loti; "La Mare au Diable," G. Sand; "La Belle Nivernaise," Daudet; "La Tulipe Noire," Dumas; "Histoire de France," Ducoudray; "Quatre-vingt-treize," V. Hugo. *Composition,* based upon the books read. Ability to take part in recitations conducted in French. Equivalents may be offered.

3. GERMAN.

a. Minimum requirement. The rudiments of grammar (Joynes-Meissner; Thomas), including irregular verbs, elementary rules of syntax, and word order. Translation at sight of German into English and English into German.

Readings: Brandt's Reader; Bernhardt's Novelletten; Storm's Immensee; or Riehl's Der Fluch der Schönheit. Equivalents may be offered.

b. Maximum requirement. An accurate knowledge of the principles of grammar, embracing inflections and syntax, the composition of words, the force of prefixes and suffixes, and the relation of the English and German consonantal changes. Sight translation. Ability to take part in recitations conducted in German. Reading of the following books: Lessing's

Minna von Barnhelm; Schiller's Wilhelm Tell; one of Riehl's Kultur historische Novellen; Goethe's Hermann und Dorothea. Composition based on books read, or Harris's Prose Composition. Equivalents may be offered.

4. GREEK.

Xenophon's Anabasis, 4 books; Homer's Iliad, 3 books; sight reading; Woodruff's Prose Composition.

5. LATIN.

Cæsar, 4 books or its equivalent; Cicero, 7 orations,—the oration on the Manilian Law to count as two; Virgil, Aeneid, 6 books. Prose composition based upon Cæsar and Cicero. Sight reading.

6. HISTORY.

- a. Ancient History to the fall of the Roman Empire in the West.
- b. United States History.
- c. English History.

7. MATHEMATICS.

- a. Algebra, through Quadratics and Progressions; Plane Geometry.
- b. Advanced Algebra, or Solid Geometry.

8. SCIENCE.

- a. Physiology, including Elementary Biological Study, with laboratory practice.
- b. Chemistry, metals and non-metals, one year's study, with laboratory practice.
- c. Physics, at least one year's study, five hours weekly, with laboratory practice.

Requirements for Admission to Each Course

Of the subjects, numbered from 1 to 8, all candidates must be prepared to pass satisfactory examinations in the following:

English, 1; and Mathematics, 7, *a*, Algebra and Plane Geometry.

In addition, candidates for admission to either the Language Course or the Literary Course must be prepared in one of the following groups of subjects:

Group 1, Ancient History, 6, *a*; Latin, 5; Greek, 4; and either French or German minimum requirements, 2, *a*, or 3, *a*.

Group 2, Ancient History, United States History, and English History, 6, *a, b, c*, or other historical subjects which have been studied throughout two school years on a basis of four recitations a week; Science, Physiology, 8, *a*, and either Chemistry or Physics, 8, *b*, or 8, *c*; Languages, any two of the following: French, maximum requirement, 2, *b*; German, maximum requirement, 3, *b*; Greek, 4; Latin, 5.

For the Scientific Course, the additional requirements are: United States History, 6, *b*; Science, Chemistry, 8, *b*, and Physics, 8, *c*; Mathematics, Advanced Algebra, or Solid Geometry, 7, *b*; Languages, any one of the following: Latin, 5; French, maximum requirement, 2, *b*; German, maximum requirement, 3, *b*.

EXAMINATIONS FOR ADMISSION

In June, 1906, the entrance examinations of Adelphi College will be the examinations of the College Entrance Examination Board, of which Adelphi College is a member. These examinations will be held June 18-23, 1906, in the large study room on the second floor of the College Building (Clifton Place entrance).

All applications for examination must be addressed to the Secretary of the College Entrance Examination Board, Post-Office Sub-Station 84, New York, N. Y., and must be made upon a blank form to be obtained from the Secretary of the Board upon application. Applications for examination at points in the United States east of the Mississippi River, also at Minneapolis, St. Louis, and other points on the Mississippi River, must be received by the Secretary of the Board on or before Monday, June 4, 1906; applications for examination elsewhere in the United States or in Canada must be received on or before Monday, May 28, 1906; and applications for examination outside the United States and Canada must be received on or before Monday, May 14, 1906. Applications received later than the dates named will be accepted when it is possible to arrange for the examinations of the candidates concerned, but only upon the payment of \$5.00 in addition to the usual examination fee.

The examination fee is \$5.00 for all candidates examined at points in the United States and Canada and \$15.00 for all candidates examined outside of the United States and Canada. The fee (which cannot be accepted in advance of the application) should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

A list of the places at which examinations are to be held by the Board in June, 1906, will be published about March 1. Requests that the ex-

aminations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the Board not later than February 1.

Competitive examinations for the Brooklyn High School Scholarships in Adelphi College are held at the College on Tuesday, Wednesday and Thursday in the week before Commencement. In 1906 these examinations fall upon June 5, 6, and 7.

Entrance examinations in September will be held at the College on Wednesday, Thursday and Friday, September 19-21, beginning at 9 A. M. Applications for admission to these examinations should be sent to THE SECRETARY OF THE FACULTY, Adelphi College, on or before Monday, September 17th.

Entrance examinations in January for admission at the beginning of the second semester will be held on Thursday, Friday and Saturday, January 24-26, 1907. Applications for admission to these examinations should be sent to the Secretary on or before Monday, January 21st.

ORDER OF ENTRANCE EXAMINATIONS

September 19, 20, 21, 1906, and January 24, 25, 26, 1907.

FIRST DAY.

Cæsar and Cicero.	9.00—10.30
English History.	10.30—12.00
Chemistry.	10.30—12.00
Anabasis.	10.30—12.00
Vergil and Sight Reading.	1.00— 3.00
German.	3.00—4.30

SECOND DAY.

English.	9.00—10.30
Iliad and Sight Reading.	10.30—12.00
Physics.	10.30—12.00
Algebra.	1.00— 3.00
United States History.	3.00— 4.30

THIRD DAY.

Geometry.	9.00—11.00
Physiology.	11.00—12.00
Solid Geometry.	11.00—12.00
French.	1.00— 2.30
College Algebra.	2.30— 4.30
Ancient History.	2.30— 4.00

Admission by Diploma or Certificate

Graduates of high schools and academies approved by Adelphi College who have successfully completed a four years' course in said high school or academy may be admitted to the Freshman class in Adelphi College upon the evidence of their diplomas. Such students may not become candidates for a degree of B.A. in the college unless they have given satisfactory evidence that they have completed the required preparatory work in two languages other than English. They may not become candidates for the degree of B.S. unless they have given evidence of proficiency in one language other than English.

Preparatory schools which have received from the Faculty of Adelphi College the right of certification may issue to their students, who are candidates for admission to Adelphi College, certificates of scholarship which shall exempt the candidates from examination in the subjects satisfactorily covered by the certificate.

The Registrar of the College will furnish to the Principal of the preparatory school blank forms of the certificate to be used. All such certificates should be certified to and signed by the Principal of the school, or by responsible instructors in said school. The certificate should state explicitly under each subject of study the text-books used, the extent of the work done, the time devoted to it, with dates, and the amount of laboratory work, if any, performed. For subjects in Science the certificates must be accompanied by laboratory note-books.

Admission to Advanced Standing

Candidates for admission to advanced standing will be required to pass satisfactory examinations upon the work already accomplished by the class to which they wish to be assigned.

COURSES OF STUDY OFFERED IN THE COLLEGE, INCLUDING THE NORMAL SCHOOL

THE FINE ARTS.

1. CAST DRAWING AND FREE-HAND PERSPECTIVE. Study of light and shade, values and vanishing of lines and objects. Modeling in clay—types and forms. Professor WHITTAKER.

2. SKETCHING. Figure Studies. Action, proportion and expression. Composition and Design. Illustration. Professor WHITTAKER.

3. LINEAR PERSPECTIVE. Application to interiors and landscapes. Professor WHITTAKER.

4. PAINTING in all mediums, from still life and the living model. Professor WHITTAKER.

5. INSTRUMENTAL DRAWING. Projection drawing, plane sections, developments, and the construction of working drawings. Mr. LOCKE.

6. DRAWING AND COLOR-WORK. Freehand and blackboard drawing; water-color, perspective and design, sketching from nature and objects. Normal School both years, twice a week. Miss MORSE.

7 and 8. HISTORY OF ART. An examination into the rise and progress of Ancient and Classic Art and the evolution of the Fine Arts in modern times, illustrated by pictures, lantern slides, and collateral readings. Sophomore year. Language and Literary Courses; two hours a week. Miss BOTH-HENDRIKSEN.

(a) *History of Painting* (twice a week).—Egyptian, Assyrian, Greek, Roman and Byzantine.

Italian Art.—Early renaissance, development and golden age.

Venetian Art.—Its growth, truth and splendor.

Art in Flanders and Holland.—Likeness and difference.

Art in France.—Peculiar influences and steady development. The four great periods.

Art in Spain.—Mysticism and Realism.

Art in Germany.—Causes of uneven development. Early period; late period.

Art in England.—Reasons for its late development. Tendency to social satire, portraiture and landscape.

(b) *History of Architecture and Modern Sculpture* (twice a week).—Egyptian and Assyrian temples, tombs and palaces. Greek temples, orders and carving. Periods of Phidias, Praxiteles and Alexander. Roman Architecture; Early Christian, Byzantine and Romanesque styles. Gothic style and sculpture: Pointed arch superseding the round arch. Decadence: Renaissance architecture and sculpture.

9. **THEORY OF ART AND SPECIAL STUDY OF NINETEENTH CENTURY ART.** Technique, Execution and Composition. Beauty in Art. Unity, its application to composition. Principles of Construction: The arch, lintel, column. Development of house and costume as regards Art. Application of Ornament. Kinds of Pictures: Portrait, historical, religious, genre, landscape, marine, etc. Influence of French art on the rest of Europe, after the Revolution. Critical study of contemporary artists. Visits to galleries and studios. Junior year, first semester, twice a week. Miss BOTH-HENDRIKSEN.

10. **THE HUMAN FORM IN ART.** Sculpture, etching, engraving, lithography, explanation of perspective, color, chiaroscuro, tone, value, touch. Pre-Raphaelite Movement in England—Search for truth in Nature. Art Phases since 1860. Critical study of contemporary artists. Visits to galleries and studios. Junior year, second semester, twice a week. Miss BOTH-HENDRIKSEN.

Astronomy

12. **ASTRONOMY, DESCRIPTIVE, PHYSICAL AND HISTORICAL.** Senior year, all courses; second semester, three hours a week. Professor PECKHAM.

Biology

14. **ZOOLOGY AND BOTANY FOR KINDERGARTNERS.** A laboratory study of the structure, life histories, habits and relationships of the common animal and plant forms likely to be useful in the Kindergarten. Also a review of the most important systems in human physiology, with especial reference to hygiene and sanitation. First year Normal, three hours a week. Professor GAINES.

15. **COMPARATIVE ANATOMY.** Dissection of vertebrates and comparative study of their various organs. Sophomore year, Language and Literary; Junior Scientific, first semester, three hours a week, with two laboratory hours additional. Professor GAINES.

16. **EMBRYOLOGY AND PHYSIOLOGY.** The embryology of the chick. The physiology and hygiene of nutrition and the nervous system. Sophomore year, Language and Literary, Junior Scientific, second semester, three hours a week, with two laboratory hours additional. Professor GAINES.

17. **GENERAL BOTANY.** The study of plant structures and function. The characters and relation of the leading groups of plants. The lower cryptogams. The Algæ, Fungi and Bryophytes. Junior year, Language and Literary, first semester, three hours a week, with laboratory as above. Professor GAINES.

18. GENERAL BOTANY. The Pteridophytes and Spermaphytes. Junior year, Language and Literary, second semester, three hours a week, with laboratory as above. Professor GAINES.

19. THEORETICAL BIOLOGY. The examination of the philosophical problems of Biology. The discussion of the writings of Darwin, Wallace, Weismann, Brooks, Morgan and others. Senior year, first semester, three hours a week. Professor GAINES.

20. BACTERIOLOGY AND SANITARY SCIENCE. The general study of bacteria, yeasts, moulds, and their application to the affairs of daily life. The germ theory of disease, infection and contagion. Drinking water and sewage as vehicles of disease. Public supplies of water, ice, food. Senior year, second semester, three hours a week. Professor GAINES.

21. PHYSIOLOGY AND HYGIENE. A course arranged especially for those who desire to teach physical training. Junior year, three hours a week. Dr. PETTIT.

22. HUMAN ANATOMY. Required of all students who are studying physical training. Senior year, three hours a week. Dr. PETTIT.

23. ANTHROPOMETRY AND PHYSICAL DIAGNOSIS. Senior year, one hour a week. Dr. PETTIT.

Chemistry

25, *a* and *b*. GENERAL CHEMISTRY. (*a*) First Semester. *Chemistry of the non-metals*: Physical and chemical change; laws of chemical combination; theory of solutions; thermo-chemistry; principles of chemical nomenclature; periodic law; families of non-metals; problems; laboratory manipulations. (*b*) Second Semester. *Chemistry of the metals*: Distribution of metallic ores; general methods for the preparation of metallic compounds; methods of reduction; study of individual metals; uses of metals and their compounds; alloys. Short introduction to organic chemistry. Freshman year, Literary and Language courses, three hours a week. Laboratory, two hours a week. Dr. SHARE.

27, *a* and *b*. QUALITATIVE ANALYSIS. (*a*) First Semester. Tests for the metals; tests for the acid radicals; study of schemes for the separation and recognition of the metals and acid radicals. (*b*) Second Semester. Analyses of simple salts; analyses of solutions and mixtures of solids, commercial products, alloys, soils, etc. Freshman year, Scientific Course, three hours a week; laboratory, four hours a week. Dr. SHARE.

29, *a* and *b*. **QUANTITATIVE ANALYSIS.** (*a*) First Semester. Preliminary course on analysis of compounds of known composition; use of the balance; calibration of measuring instruments; general methods of volumetric and colorimetric analysis. (*b*) Second Semester. General course on the analysis of ores and commercial products; analyses of gases; analyses of waters; assays of gold, silver and other ores; electrolytic methods of analysis. Sophomore year, Scientific Course, three hours a week; laboratory, five hours a week. Dr. SHARE.

31. **ORGANIC CHEMISTRY.** Methane derivatives; benzene derivatives; organic analysis; laboratory practice in the preparation of organic substances. Junior year, Scientific Course, seven hours a week; lectures and laboratory.

33. **TECHNICAL OR APPLIED CHEMISTRY.** Processes for the manufacture of commercial products; advanced methods of quantitative analysis; food analysis. Senior year, Scientific Course, seven hours a week, lectures and laboratory. ——— ———

Economics

37. **OUTLINES OF ECONOMICS.** A general introduction to the study of Economics with the design to familiarize the student with the fundamental principles of the subject. In addition to the work in the text books collateral reading is required especially upon the past and present industrial life in England and the United States. Recitations, discussions, lectures. Junior year, all courses; first semester, three hours a week. Dr. FRADENBURGH.

38. **ECONOMIC PROBLEMS.** Special attention is devoted to the subjects of taxation and municipal economics. Open to students who have taken Course 37. Junior year, all courses; second semester, three hours a week. Dr. FRADENBURGH.

39. **ECONOMIC HISTORY.** A study of the evolution of industrial life with special reference to England and the United States. Senior year, all courses; first semester, three hours a week. ——— ———.

40. **PRACTICAL ECONOMICS.** This course deals principally with problems of distribution. The leading topics are: The evolution of labor and capital; wages; labor organization, arbitration and conciliation; profit-sharing; co-operation; factory and other labor legislation; the social surplus; municipal economics; socialism. Lectures, assigned readings, papers, discussions. Senior year, all courses; second semester, three hours a week; open to students who have taken course 37. ——— ———.

Education

43. **GENERAL METHODS OF TEACHING.** Critical study of the general principles underlying teaching. The course involves observation and criticism of class instruction. One hour a week. Second semester, Senior year. Professor HENDERSON.

44. **CURRICULUM AND METHODS OF TEACHING IN THE ELEMENTARY SCHOOL.** Lectures and conferences, with observation and criticism of class-room work. Two hours a week, second semester, Senior year. Professor HENDERSON.

46. **SPECIAL METHODS.**

The departments of LATIN, ENGLISH, GERMAN, FRENCH, HISTORY, MATHEMATICS, PHYSICAL EDUCATION and BIOLOGY offer courses in the Curricula and Methods of Teaching each of these Subjects in the Secondary School. These courses are for two hours a week, second semester, Senior year, exclusive of observation and practice work.

47. **HISTORY OF EDUCATION.** Greek and Roman education. The leading movements in the history of culture from the appearance of Christianity to the twentieth century and their effects on the schools. Three hours a week, first semester, Senior year. Professor HENDERSON.

48. **MODERN HISTORY AND HISTORY OF EDUCATION.** This course is designed for Normal students and involves a study of the chief social and cultural movements of Modern History, and of the influence that these movements have exerted upon education. Three hours a week, first year Normal. Mr. TANNER.

50. **THEORY OF EDUCATION.** The relation of education to social life and the part it has played in evolution. Present day problems in education. Lectures, conferences, and reports. Three hours a week, second semester, Senior year. Professor HENDERSON.

51. **PRIMARY EDUCATIONAL PRINCIPLES.** Discussions, readings, and essays. The purpose of this course is to show Froebel's conception of education through a study of his works and the practical application of his theory to education in the kindergarten. Second year Normal class, first semester, two hours weekly. Tuesdays and Thursdays at 3.45 P. M. Miss SCOTT.

52. **FROEBELIAN THEORY AND METHODS.** Study of the gifts, games, occupations, stories and nature work, with reference to their adaptation to

child-nature and its development. Second year Normal, second semester, three hours a week. Professor HARVEY and Miss ROETHGEN.

55. FROEBEL'S PHILOSOPHY in "The Mother Play." First year Normal, second semester, once a week; second year Normal, once a week throughout the year. Professor HARVEY and Miss ROETHGEN.

56. THE HISTORY AND THEORY OF EDUCATION. An advanced course in this subject offered especially to students in the teachers' classes. Junior or Senior year, second semester, four hours. Miss SCOTT.

Elocution

Individual work in this department is required of each member of the Freshman and Sophomore Classes, and is optional in the other years. Assistant Professor MACFARLANE.

The English Language and Literature

61. THE HISTORY OF ENGLISH LITERATURE IN OUTLINE. Designed as a preparation for more detailed work in other courses. A brief manual is used, together with selections illustrating the historical development of the literature. Freshman year, first semester, three hours. Assistant Professor TUCKER.

62. SHAKSPERE. Five plays are read, two of which are studied in detail. Freshman year, second semester, three hours. Assistant Professor TUCKER.

63. RHETORIC AND COMPOSITION. Conferences, daily themes, and, for a portion of the year, practice in writing longer essays. Required of Freshmen in all courses. One hour weekly throughout the year. Professor GREENLAW and Assistant Professor TUCKER.

64. ADVANCED COMPOSITION. Designed for Juniors and Seniors who have passed with credit in Course 63, or an equivalent. The method of the course is in general the same as in the Freshman course, but every opportunity is given for the development of originality. One hour weekly throughout the year. Professor GREENLAW.

65. ENGLISH LITERATURE OF THE AGE OF ELIZABETH—From Tottel's Miscellany to the Accession of James (1557-1603). Spenser, and contemporary non-dramatic poets; the drama, with particular emphasis upon Marlowe and Shakspeare; prose writings of the period. Sophomore year, first semester, three hours. Professor GREENLAW.

66. LITERATURE OF THE SEVENTEENTH CENTURY.—From the accession of James to the death of Milton (1603-1674). The later plays of Shakspeare, with some attention to other dramatists of the first half of the century; Puritan and Cavalier; Milton, and his contemporaries; the development of modern English prose. Sophomore year, second semester, three hours. Professor GREENLAW.

67. ENGLISH LITERATURE. From the death of Milton to the death of Pope (1674-1744). Classicism; Dryden, Pope, and their contemporaries; Swift, Addison, and contemporary prose writers. Open to Juniors and Seniors, first semester, three hours. Assistant Professor TUCKER.

68. ENGLISH LITERATURE. From the death of Pope to the Lyrical Ballads (1744-1798). The beginnings of Romanticism; Gray, Cowper, Burns, Crabbe, Blake, and contemporary poets; the history of the English novel in the XVIII century. Open to Juniors and Seniors, second semester, three hours. Assistant Professor TUCKER.

69. THE ROMANTIC TRIUMPH (1798-1837). Wordsworth, Coleridge, Byron, Scott, Shelley, and Keats; the development of fiction. Juniors and Seniors, first semester, three hours. Professor GREENLAW.

(This course will not be offered 1906-1907.)

70. VICTORIAN POETRY (1837-1900). Tennyson, Browning, and contemporary poets. Juniors and Seniors, second semester, three hours. Professor GREENLAW.

71. VICTORIAN PROSE (1837-1900). The essay, Carlyle to Stevenson; Eliot, Thackeray, Dickens, and their contemporaries. Juniors and Seniors, first semester, three hours. Assistant Professor TUCKER.

72. AMERICAN LITERATURE. From the beginnings to the present time. Juniors and Seniors, first semester, three hours. Professor GREENLAW.

73. ANGLO-SAXON. An elementary course, using Bright's *Reader* as a basis. The object is to give a reading knowledge of the language, and some appreciation of the literature. Juniors, Seniors and graduates, first semester, three hours. Professor GREENLAW.

74. BEOWULF. A continuation of Course 73. Professor GREENLAW.

(Courses 73 and 74 will not be given in 1906-1907, but will be offered 1907-1908.)

75. CHAUCER. An introduction to Middle English. A considerable portion of the Canterbury Tales will be read, and, if time permits, some selections from his other works. Juniors, Seniors and graduates, first semester, three hours. Professor GREENLAW.

76. MIDDLE ENGLISH. Supplementary to Course 75. The history of English Literature, 1200-1557, with selections from drama, ballads, romances, and other literature. Second semester, three hours. Professor GREENLAW.

(Courses 75 and 76 are offered in 1906-1907 and in alternate years.)

77. THE HISTORY OF ENGLISH FICTION. Primarily for students in teachers' courses, but open to other undergraduates in the college. Junior or Senior year, three hours throughout the year. Assistant Professor TUCKER.

78. THE ENGLISH CONFERENCE. Meetings are held every two weeks. The topic for 1906-1907 is to be Contemporary Literature, with special reference to English and the Continental drama. Open to Juniors, Seniors and graduates. No credit towards graduation is given for this course.

The French Language and Literature

81. Introductory Course for students who have not presented French at entrance. Thorough study of the essentials of grammar and syntax; dictations; translation from English into French; attention will be paid to the acquisition of an accurate pronunciation; reading of easy modern prose. Books: Fraser and Squair, *French Grammar*; Laboulaye, *Contes de la langue française*. First semester, four hours a week.

82. Introductory Course. For students who have taken 81 or its equivalent. Dictations; composition in French; a considerable amount of reading will be required. Books: Fraser and Squair: *French Grammar*; Cameron: *Elements of French Composition*; Lesage: *Gil Blas*; Sand: *Le Mare au Diable*; Labiche: *La Poudre aux Yeux*. Second semester, four hours a week.

83. MODERN LITERATURE. Dumas: *Monte Cristo*; de Vigny: *La Canne de Jonc*; Augier: *Le Gendre de Monsieur Poirier*; Hugo: *Les Misérables*; collateral reading with reports. First semester, three hours a week. Professor KERR.

84. MODERN LITERATURE (continued). Balzac: *Curé de Tours*, *Les Proscrits*, *El Verdugo*, etc.; Sarcey: *Siège de Paris*; Scribe: *Verre d'Eau*;

De La Brète: *Mon Oncle et Mon Curé*; collateral reading with reports. Second semester, three hours a week. Professor KERR.

85. PROSE AND POETRY IN THE XVII CENTURY. Selections from Descartes and Pascal; La Rochefoucauld: *Les Maximes*; La Bruyère: *Les Caractères*; Bossuet: *Oraisons Funèbres*; Madame de Lafayette: *La Princesse de Clèves*; Madame de Sévigné: Selected *Lettres*; La Fontaine: *Fables Choiesies*; collateral reading, essays and reports. First semester, three hours a week. Professor KERR.

86. CLASSIC DRAMA. Molière: *Les Précieuses Ridicules*, *Les Femmes Savantes*, *Le Misanthrope*; Corneille: *Le Cid*, *Polyeucte*; Racine: *Iphigénie en Aulide*, *Phèdre*; collateral reading, reports and essays. Second semester, three hours a week. Professor KERR.

87. DRAMATIC LITERATURE IN THE XVIII CENTURY. Lesage: *Turcaret*; Piron: *La Métromanie*; Sedaine: *Le Philosophe sans le Savoir*; Marivaux: *Jeu de l'Amour et du Hasard*; Beaumarchais: *Le Barbier de Séville*; Voltaire: *Zaire*, *Mérope*; collateral reading, reports and essays. First semester, three hours a week. Professor KERR.

88. PROSE LITERATURE IN THE XVIII CENTURY. Montesquieu: *Lettres Persanes*; Voltaire: *Zadig*, *Micromégas*, *Monde comme il va*, Cohn's *Voltaire's Prose*; Rousseau: *Emile*, Brunel's *Extraits*. In connection with the work on Voltaire and Rousseau a considerable amount of outside reading, with essays and reports, will be required. Second semester, three hours a week. Professor KERR.

89. EARLY XIX CENTURY LITERATURE. Chateaubriand: *Atala*; Hugo: *Hernani*, *Ruy Blas*; Balzac: *Eugénie Grandet*; Gautier: *Jettatura*; de Musset: *Fantasio*, *On ne badine pas avec l'Amour*, *Il faut qui une porte soit ouverte ou fermée*; Lamartine, Hugo, de Musset, de Vigny: Selected *Poems*; collateral reading, essays and reports. First semester, three hours a week. Professor KERR.

90. LATER XIX CENTURY LITERATURE. Daudet: *Tartarin de Tarascon*; Zola: *La Débâcle*, Anatole France: *Crime de Sylvestre Bonnard*; René Bazin: *Les Oberlê*; Renan: *Souvenirs de Jeunesse*; Rostand: *Cyrano de Bergerac*; Laconte de Lisle, Sully Prudhomme, Paul Verlaine: Selected *Poems*; collateral reading, essays and reports. Second semester, three hours a week. Professor KERR.

91 and 92. FRENCH GRAMMAR AND COMPOSITION. A review of important points in grammar and syntax; translation of English prose into

French. Required of all Freshmen electing French, excepting those taking Courses 81 or 82. The course is divided into two parts: (a) 91. First semester, one hour a week; (b) 92. Second semester, one hour a week.

93 and 94. ADVANCED FRENCH GRAMMAR AND COMPOSITION. A study of the more difficult questions of grammar and syntax; translation of continuous English prose into French. Required of all Sophomores electing French. The course is divided into two parts: (a) 93. First semester, one hour a week. (b) 94. Second semester, one hour a week.

Geology

97. GEOLOGY. General course; dynamic, structural, and historical. Senior year, all courses; first semester, three hours a week. Dr. SHARE.

98. ECONOMIC GEOLOGY. Distribution and utilization of ore deposits, building stone, etc. Senior year, Scientific Course; second semester, three hours a week. ——— ———.

The German Language and Literature

97. INTRODUCTORY COURSE. This course is intended for students who have not presented German for admission. Elements of grammar, reading, writing. First semester, four hours a week. Miss SCHRADIECK.

98. INTRODUCTORY COURSE (continued). Review of the elements of grammar. A large amount of reading will be done. Composition and short themes in German. Open to students who have taken Course 97 or its equivalent. Courses 97 and 98 completed with more than ordinary credit will satisfy the maximum entrance requirements in German. If completed with ordinary credit they will satisfy the minimum entrance requirements. Second semester, four hours a week. Miss SCHRADIECK.

99. GOETHE. Reading, dictation, short themes. *Dichtung und Wahrheit* (selections), *Götz von Berlichingen*. Open to students who have credit for the maximum admission requirements in German. First semester, three hours a week. (See Course 107.) Professor COAR.

100. SCHILLER. Reading, dictation, short themes. *Don Carlos*, *Wallenstein*. Open to students who have credit for the maximum admission requirements in German or who have passed off Course 99. Second semester, three hours a week. (See Course 107.) Professor COAR.

101. LESSING AND HIS TIMES. This course analyses the movements in German life and literature which determined or influenced the classic works of Goethe and Schiller, Lessing, *Emilia Galotti*, *Nathan der Weise*; Goethe, *Egmont*, *Gedichte*; Schiller, *Cabale und Liebe*, *Gedichte*. A syllabus of required readings and themes will be provided at the beginning of the semester. First semester, three hours a week. (See Course 108.) Professor COAR.

102. GOETHE AND SCHILLER. This course analyses the literary works of Goethe and Schiller at the height of their poetic activity. Some account will be given of their esthetic views. Goethe, *Iphigenie*, *Tasso*; Schiller, *Maria Stuart*, *Die Jungfrau von Orleans*, *Die Braut von Messina*. A syllabus of required readings and themes will be provided at the beginning of the semester. Second semester, three hours a week. (See Course 108.) Professor COAR.

103. GERMAN LITERATURE IN THE FIRST HALF OF THE NINETEENTH CENTURY. Romanticism and the ideals of life underlying it. The poetry of revolt. Kleist, *Der Prinz von Homburg*; Grillparzer, *Sappho*; Heine, *Buch der Lieder*. A syllabus of required readings and themes will be provided at the beginning of the semester. First semester, three hours a week. (See Course 108.) Professor COAR.

104. GERMAN LITERATURE IN THE SECOND HALF OF THE NINETEENTH CENTURY. Realism, Naturalism, Mysticism. Ludwig, *Die Makkabäer*, Heibel, *Die Nibelungen*; Sudermann, *Heimat*; Hauptmann, *Die versunkene Glocke*. Collateral reading will, for the most part, deal with novelistic literature. A syllabus of required readings and themes will be provided at the beginning of the semester. Second semester, three hours a week. (See Course 108.) Professor COAR.

105. FAUST I. AND II. A critical study of the drama. Open only to students who have taken Courses 101 and 102, or their equivalents. First semester, two hours a week. Professor COAR.

106. FAUST I. AND II., (continued). Second semester, two hours a week. Professor COAR.

107. GERMAN GRAMMAR AND COMPOSITION. Review of grammatical forms and practice in theme-writing. The course is open to all students who have credit for the admission requirements (minimum or maximum). It is required of students who take Courses 99 or 100. It will not count for students who are taking or have taken advanced courses in German, but will be counted for all other students. One hour a week during the year. Miss SCHRADIECK.

108. **ADVANCED GERMAN GRAMMAR AND COMPOSITION.** Problems of syntax. Required of all Freshmen and Sophomores taking Courses 101, 102, 103, 104. For Juniors and Seniors this course will count as the equivalent of a course pursued for three hours a week during one semester. One hour a week during the year. Miss SCHRADIECK.

109. **DER DEUTSCHE AUFSATZ.** Study of good style, and practice in writing German essays. Required of all students who desire honors in German. One hour a week throughout the year. Professor COAR.

110. **HISTORY OF THE GERMAN GRAMMAR.** This course is open only to students who have had the equivalent of three years of College German, or who can satisfy the instructor of their fitness to pursue the course to advantage. It is intended primarily for teachers of German or for students who purpose to teach, and will count as the equivalent of a course pursued for three hours a week during one semester. One hour a week during the year, with conferences. Professor COAR.

The Greek Language and Literature

111. **PLATO'S APOLOGY AND CRITO**, with selections from the *Phædo*, etc. Especial attention is given to literary style, to the chief problems of syntax, and to the ethical subjects under discussion. Freshman year, first semester, four hours a week. Professor LAWTON.

112. **ILIAD.** Selections from later books (or selections from *Odyssey*, I. to XII.). The chief object, besides the mastery of the Homeric vocabulary, is the study of epic style. The authorship of the poems, the imaginative and realistic elements, and, particularly, the relation of Homeric to Attic Greek, will be fully discussed. Freshman year, second semester, four hours a week. Professor LAWTON.

113. **LATER FIFTH CENTURY DRAMA.** One play of Euripides, and the *Clouds* or *Frogs* of Aristophanes, will be read. The origin of drama and the environment of the art in Athens, will be considered. Sophomore year, first half, four hours a week. Professor LAWTON.

114. One play each of Aeschylus and Sophocles; study of the other Attic tragedies in English. General view of myths as handled in tragedy. Sophomore year, second half, four hours a week. Professor LAWTON.

115. **HERODOTUS, BOOK VIII., AND AESCHYLUS' PERSIANS.** Reading Herodotus, I.-VII., in English. Historic view of the Persian wars. Junior year, first half, three hours a week. Professor LAWTON.

116. THUCYDIDES, BOOK I. OR BOOK VII. Study of Thucydides' entire work in English. General view of Periclean Athens. Junior year, second half, three hours a week. Professor LAWTON.

117. GREEK LYRIC, including odes of Bacchylides and Pindar. Senior year, first half, three hours a week. Professor LAWTON.

118. GENERAL VIEW OF GREEK LITERATURE, with readings from less prominent authors. Senior year, second semester, three hours a week. Professor LAWTON.

119. GREEK POETRY IN ENGLISH. Reading of the Iliad and Odyssey entire, with copious selections from lyric and Attic drama. General discussion of mythology, forms of poetry, uses and limitations of translation, influence of Greek on modern literature, etc. Open to Juniors and Seniors, first semester, two hours a week. Professor LAWTON.

120. GREEK PROSE AUTHORS IN ENGLISH. Herodotus and Thucydides will be read almost entire, Plato, Xenophon, Demosthenes, Lucian Plutarch, etc., in copious selections. Considerable attention will be given to history and topography, and to the actual conditions of Greek life. Courses 119 and 120 require no knowledge of Greek, and cannot be counted by students who elect Greek courses in college. Open to Juniors and Seniors, second semester, two hours a week. Professor LAWTON.

NOTE.—Special courses in Greek composition, or on elementary text books and methods of teaching, may be given if called for.

History and Politics

125. MEDIAEVAL HISTORY. The origin and development of feudal society and institutions, the political history of Central and Southern Europe to the close of the Thirty Years' War. Freshman year, all courses; first semester, four hours a week. Dr. FRADENBURGH.

126. HISTORY OF THE RENAISSANCE. A study of the social, religious and political issues of the age of the Renaissance, the fifteenth and sixteenth centuries. Freshman year, all courses; second semester, four hours a week. Dr. FRADENBURGH.

127. ENGLISH HISTORY. A study of political and social progress. Sophomore year, all courses; first semester, four hours a week. M. TANNER.

128. HISTORY OF FRANCE, from the age of Richelieu to the French Revolution. The Ancient Régime and its successor. Sophomore year, all courses; second semester, four hours a week. Mr. TANNER.

129. HISTORY OF THE NINETEENTH CENTURY. Topical studies in modern history. The age of the settlement of parliamentary government and of racial consolidation. Senior year, first semester, all courses; three hours a week. ——— ———.

130. AMERICAN HISTORY. A topical study, with a comparison of political systems. Senior year, all courses; second semester, three hours a week. ——— ———.

131. BIBLICAL HISTORY AND LITERATURE. This course will include a history of the Bible, both of the Old and of the New Testaments; manuscript copies; the most important versions; the English Bible; an outline of Jewish history to the Exile, with frequent reference to Jewish institutions, religious, political and economic. Open to Juniors and Seniors, first semester, three hours a week. Professor OSBORN.

132. STUDIES IN THE LIFE OF CHRIST AND IN THE ORGANIZATION OF THE CHRISTIAN CHURCH. An outline of Jewish history from the Exile to the birth of Jesus Christ. The growth of the Messianic idea. Palestine in the time of Christ. Selected studies in the Gospels. The formation of the Christian Church. Open to Juniors and Seniors, second semester, three hours a week. Professor OSBORN.

137. SEMINAR IN HISTORY. Open to especially qualified Seniors and graduates. Bibliography, reports, historical criticism and discussions. Two hours a week throughout the year. Dr. FRADENBURGH and Mr. TANNER.

The Italian Language and Literature

143. ITALIAN CLASSICS. This option will be given in any year it called for by five or more students, and is accepted as a substitute for Junior or Senior Latin, or as a modern language. The language is not taught colloquially, but is discussed as a variation of late Latin, and made a basis for rapid reading in the Italian classics. The course is especially adapted for students proficient in Latin, or in both Latin and French. Besides elementary grammar and easy prose, it will include selections from the Vita Nuova and the Divina Commedia, at least. Open to Juniors and Seniors, three hours a week. Professor LAWTON.

A weekly series of rapid readings from Dante, given as an open course each year if called for, may be regarded as a supplement to Course 143.

The Latin Language and Literature

145. CICERO. *De Senectute* and *De Amicitia*. Latin Composition based on the *Amicitia*. Freshman year, first semester, four hours a week. Professor SANFORD.

146. HORACE. Selected Odes and Epodes. Lectures on the Augustan age. Freshman year, second semester, four hours a week. Professor SANFORD.

147. The *Andria* of TERENCE. The *Captivi* of Plautus. The Second Philippic, or the *Brutus* of CICERO. Sophomore year, first semester, four hours a week. Professor SANFORD.

148. CATULLUS. Selected Odes. HORACE. Selected Satires and Epistles. Sophomore year, second semester, four hours a week. Professor SANFORD.

149. LUCRETIUS, Books 1, 3, 5, with readings from the *De Natura Deorum* of CICERO. Selected Letters of PLINY. Junior year, first semester, three hours a week. Professor SANFORD.

150. TACITUS, the *Agricola* and *Germania*. Selections from the annals and histories. JUVENAL, selected satires. Junior year, second semester, three hours a week. Professor SANFORD.

151. MARTIAL. Selected epigrams, readings from less familiar prose writers of the Empire. (Petronius, Seneca, Pliny the Elder, Quintilian, Suetonius, and others). Senior year, first semester, three hours a week. Professor SANFORD.

152. Selections from the Elegiac poets. Readings from less familiar poets of the Empire (Seneca, Persius, Lucan, Silicus Italicus, Statius, and others). Senior year, second semester, three hours a week. Professor SANFORD.

153. A course in Latin Composition is offered to Seniors. One hour a week during the year. Professor SANFORD.

Law

156. INSTRUCTION IN LAW is given by a course of lectures and conferences upon "Law as it most closely affects the daily life and needs of the citizen." This course is given during the second semester of the Junior year by several members of the legal profession. Required in all courses. Once a week.

Mathematics

161. THEORY OF NUMBERS. A course in the fundamental principles of arithmetic and algebra, with an outline of the logical principles chiefly used in mathematics, intended to supplement the high school work in algebra, and to give the student a firm foundation for his future mathematical study. Freshman year, Language and Literary Courses, first semester, four hours a week. Professor BOWDEN.

162. SOLID GEOMETRY. The usual demonstrative work, with numerical applications of the formulas derived. The course will include an outline of the theory of rational and irrational numbers, with their applications. Freshman year, Language and Literary Courses, second semester, four hours a week. Professor BOWDEN.

163. TRIGONOMETRY. The course will start with an outline of the theory of complex numbers, with their applications. The trigonometric functions will be defined analytically. From these definitions and their geometric interpretations will be derived the ordinary formulas. This will be followed by the solution of triangles, both plane and spherical, with the use of logarithms and applications to the measurement of heights and distances, to astronomy and to navigation. Freshman year, Scientific Course; Sophomore year, Language and Literary Courses; first semester, four hours a week. Professor BOWDEN.

164. ANALYTIC GEOMETRY. The equations of the straight line, circle, parabola, ellipse, hyperbola, and a few of the simpler higher plane curves, with an introduction to Solid Analytic Geometry. Freshmen, Scientific Course; Sophomores, Language and Literary Courses; second semester, four hours a week. Professor BOWDEN.

165. DESCRIPTIVE GEOMETRY. Orthographic projection of points, lines and surfaces, the intersection of lines and surfaces, spherical projections, shades and shadows, linear perspective, isometric projections. Sophomores, Scientific Course, first semester, four hours a week. Mr. LOCKE.

166. **SURVEYING.** Recitations and lectures on the principles and practice of surveying, adjustment of instruments, practice surveys, levels and topographical work, computations based upon data thus derived. Sophomores, Scientific Course, second semester, four hours a week. Mr. LOCKE.

167. **MECHANICAL DRAWING.** Freehand drawing, construction of problems in Geometry, orthographic and isometric projections, plans, sections, and elevations of machines and architectural parts, blue prints, lettering, plotting of surveys, topographical sketches, coloring and shading; development of problems involving the principles of Descriptive Geometry, including shades and shadows, and perspective. Freshmen, Scientific Course, two hours a week. Sophomores, Scientific Course, first semester, one hour a week. Mr. LOCKE.

169. **DIFFERENTIAL CALCULUS.** Simple and successive differentiation of functions, expansion of functions in series, evaluation of indeterminate forms, curve tracing, evaluation of maxima and minima. Juniors, Seniors, and Graduates, first semester, three hours a week. Professor BOWDEN.

170. **INTEGRAL CALCULUS.** Derivation of formulas, calculation of lengths and areas of curves, areas and volumes of solids of revolution; solution of simple differential equations. Juniors, Seniors, and Graduates, second semester, three hours a week. Professor BOWDEN.

171. **ELEMENTARY PROJECTIVE GEOMETRY.** Ranges, flat pencils, axial pencils, sheaves of lines and planes, perspective, duality, harmonic figures, projective figures, anharmonic ratios. Juniors, Seniors, and Graduates, first semester, three hours a week. Professor BOWDEN.

172. **ADVANCED PROJECTIVE GEOMETRY.** Projective forms in relation to the conic sections, Pascal's and Brianchon's Theorems, poles and polars, diameters, polar reciprocal figures. Juniors, Seniors, and Graduates, second semester, two hours a week. Professor BOWDEN.

175. **VECTOR ANALYSIS.** Addition, subtraction, and multiplication of vectors, the differential and integral calculus of vectors, with applications to geometry and mechanics. Juniors, Seniors and Graduates, first semester, three hours a week. Professor BOWDEN.

176. **ANALYTICAL MECHANICS.** Composition and resolution of forces, center of gravity, friction, virtual velocities, machines, laws of motion, central forces, constrained motion, impact, work and energy, moment of inertia, rotary motion. Juniors, Seniors and Graduates, second semester, three hours a week. Professor BOWDEN.

177. **THEORY OF GROUPS.** The course will begin with an outline of the theory of substitutions. Juniors, Seniors, and Graduates, first semester, three hours a week. Professor BOWDEN.

178. **THEORY OF FUNCTIONS.** Functions of a real and of a complex variable, algebraic and transcendental functions, infinite series and products, derivatives and integrals. Juniors, Seniors and Graduates, second semester, three hours a week. Professor BOWDEN.

THE MATHEMATICAL CLUB. This is an organization of teachers and advanced students formed for the purpose of mutual help in mathematical investigation, and as an incentive to original work. The club meets once in three weeks.

THE MATHEMATICAL LIBRARY contains standard works of reference on all the courses and is easily accessible to the students.

Mineralogy

179, *a* and *b*. **MINERALOGY.** (*a*) First Semester. Crystallography and Blowpipe Analysis. Crystallography: Study of crystal models and natural crystals; use of the goniometer. Blowpipe Analysis: Use of the blowpipe, preliminary tests; analyses of prepared mixtures. (*b*) Second Semester. Descriptive and Determinative Mineralogy: Physical and chemical characteristics of the common minerals; determination of minerals by the aid of the blowpipe and physical and chemical tests. Junior year, Scientific Course, three hours a week; laboratory, two hours a week. Dr. SHARE.

181. **METALLURGY.** Treatment of ores by furnace, wet and electrolytic methods. Senior year, Scientific Course; first semester, three hours a week. Dr. SHARE.

Music

184. **THE APPRECIATION AND INTERPRETATION OF MUSIC.** The analysis of various forms of musical composition with collateral readings in the history and literature of music and musical criticism. Two hours a week. Open to Juniors and Seniors. Professor BREWER.

185. **THEORY OF MUSIC.** A course in Harmony, followed by counterpoint, with readings in the history of Music. Two hours a week. Open to Juniors and Seniors. Professor BREWER.

186. VOCAL MUSIC FOR TEACHERS. Voice culture, sight-reading and transposing. Method in kindergarten songs and marches. Expressive use of voice and piano. Normal School, both years, once a week. Miss KIBBE.

Philosophy

189. HISTORY OF PHILOSOPHY. A general survey of the thought of both the ancient and the modern world, with special reference to the problems of knowledge. Special attention will be bestowed upon those authors who have made important contributions to the literature of philosophy. Windleband's History of Ancient, and Falckenberg's History of Modern Philosophy will be used as works of reference. Seniors, first semester, three hours a week. Professor OSBORN.

190. MODERN PHILOSOPHY. The object of this course will be to study the development of modern philosophy in the two leading schools, including also Schopenhauer and the Positive School. Selected portions of some of the philosophical masterpieces will be read and discussed. References will be made to Kulpe's Introduction and Rogers' Students' History of Philosophy. Seniors, second semester, two hours a week. Alternative option with Course No. 191. Professor OSBORN.

191. ETHICS. An outline study of the leading ethical theories and of the fundamental principles of morality, and of their application to individual and social life. Text-books: Seth's Principles and Fite's Introduction to Ethics. There will be frequent reference to the works of leading ethical writers. Seniors, second semester, two hours a week. Alternative option with Course No. 190. Professor OSBORN.

Physics

195. GENERAL PHYSICS. Properties of solids, liquids and gases, and the study of sound and light. Lectures and laboratory work. First semester, Junior year, Language and Literary Courses, three hours a week, with two hours laboratory. Professor PECKHAM.

196. GENERAL PHYSICS. Heat and electricity. Lectures and laboratory work. Second semester, Junior year, Language and Literary Courses, three hours a week, with two hours laboratory. Professor PECKHAM.

197. MECHANICS AND HEAT. Sophomore year, Scientific Course, first semester, three hours a week, with four hours laboratory. Professor PECKHAM.

198. ELECTRICITY AND LIGHT. Sophomore year, Scientific Course, second semester, three hours a week, with four hours laboratory. Professor PECKHAM.

199. TECHNICAL ELECTRICITY. Dynamos and motors, lighting and power. Junior year, Scientific Course, first semester, three hours a week, with four hours laboratory. ——— ———.

200. MODERN THEORIES OF MATTER AND ELECTRICITY, with applications to electrolysis and electrolytic conduction. Junior or Senior year, second semester, three hours a week, with four hours laboratory work. Professor PECKHAM.

201. METEOROLOGY. Lectures, with observations and forecasting. Junior or Senior year, one semester, three hours a week. Professor PECKHAM.

Psychology

205. LOGIC. The elements of formal logic, deductive and inductive, with a consideration of the nature of judgment. Three hours a week, first half of first semester, Sophomore year. Professor HENDERSON.

206. PSYCHOLOGY. Elementary analysis of consciousness. Experimental methods are employed. The course is open only to those who are taking the Sophomore work in biology or who have a general knowledge of the structure and functions of the nervous system in man. Three hours a week, second half of first semester and second semester Sophomore year. Professor HENDERSON.

208. ELEMENTARY PSYCHOLOGY. Introduction to the study of psychology. First year Normal, three hours a week. Miss BRUNN.

209. PSYCHOLOGY OF THE CHILD. The study of instinct in its relation to the development of the child, and its expression in more or less definite stages of physical and mental growth. The more recent methods and results of the study of children. Second year Normal, first semester, three hours a week. Senior College option also. Professor OSBORN.

210. APPLICATIONS OF PSYCHOLOGY. The data of psychology as a basis for teaching in primary grades. Illustrations designed to show the connection between the work of the kindergarten and of the primary teacher. Second year Normal, and Senior College option, second semester, three hours a week. Professor OSBORN.

211. EDUCATIONAL PSYCHOLOGY. The development of mental functions during infancy and childhood. Critical study of educational practices from the points of view of analytical and experimental psychology. Three hours a week, first semester; open to Juniors and Seniors. Professor HENDERSON.

Sociology

214. SOCIAL HISTORY. The origin and growth of society as disclosed in the development of the family and of civil and religious institutions. Junior year, all courses, first semester, three hours a week. Dr. FRADENBURGH.

215. SOCIOLOGY. A study of social institutions, with special reference to American conditions. Among the subjects discussed are: Theories of society; heredity and environment as social forces; growth of a community; immigration; social control; municipal problems and industrial problems. Junior year, all courses, second semester, three hours a week. Dr. FRADENBURGH.

216. SOCIAL PATHOLOGY. Methods of dealing with dependent, defective, and delinquent classes, with investigations of charitable and penal institutions. Students in this course are required to attend the lectures on the History and Principles of Charity Organization, by Alexander Johnson. Senior year, all courses, first semester, three hours a week. Dr. FRADENBURGH.

217. MUNICIPAL SOCIAL PROBLEMS. A study of modern municipal problems. Transportation, Public Health, Problems of Control, Care of Dependent and Delinquent Classes, Education, Political Reform. Senior year, all courses; second semester, three hours a week. Dr. FRADENBURGH.

218. SOCIOLOGY. The origin and growth of society; race characteristics; the rise of cities; modern municipal conditions with special reference to the work of kindergartners. Second year Normal, second semester, two hours a week. Dr. FRADENBURGH.

The Spanish Language and Literature

220. SPANISH FOR BEGINNERS. Special attention is given to Spanish idioms and colloquialisms as used in Central and South America. Four hours weekly. Miss CUEVAS.

221. INTRODUCTION TO SPANISH LITERATURE. Modern masterpieces in prose and poetry, with a study of Spanish history. Study of prose composition and grammar based on Garner's Spanish Grammar. Three hours weekly. Miss CUEVAS.

CONSPECTUS OF COLLEGIATE STUDIES

Arabic numerals indicate number of the Course in "Courses of Study,"
q. v. Roman numerals indicate number of weekly recitations.

Freshman

Total class-room work per week, exclusive of Physical Education and Laboratory work, at least 15 hours.

Language	Literary	Scientific
REQUIRED: Two Languages, 81, 82 83, 84, 91, 92, 99, 100, 107, 111, 112, 145, 146, 220VIII. Mediæval History and History of Renais- sance, 125, 126..... IV. Physical Education ... II.	REQUIRED: English Literature and Rhetoric, 61, 62, 63. IV. Mediæval History and History of Renais- sance, 125, 126..... IV. Physical Education ... II.	REQUIRED: Chemistry, 27, <i>a</i> and <i>b</i> V. English Literature and Rhetoric, 61, 62, 63. IV. Physical Education ... II.
OPTIONS: (One must be chosen.) 1. English Literature and Rhetoric, 61, 62, 63 IV. 2. Mathematics, 161, 162 IV. 3. General Chemistry, 25, <i>a</i> and <i>b</i> III.	OPTIONS: (Two must be chosen.) 1. Mathematics, 161, 162 IV. 2, 3. Languages, 81, 82, 83, 84, 91, 92, 99, 100, 107, 111, 112, 145, 146, 220..... IV. 4. General Chemistry, 25, <i>a</i> and <i>b</i> III.	OPTIONS: (Two must be chosen.) 1. { Mathematics, 163, 164 IV. Mechanical Draw- ing, 167 II. 2. Mediæval History and History of Renais- sance, 125, 126... IV. 3. One Language, 81, 82, 83, 84, 91, 92, 99, 100, 107, 111, 112, 145, 146, 220..... IV.

Sophomore

Total class-room work, as in previous year.

REQUIRED: One Language, 85, 86, 93, 94, 101, 102, 108, 113, 114, 147, 148, 220 IV. English Literature, 65, 66 III. History of Art, 7 and 8 Logic and Psychology, 205, 206 III. Physical Education ... II.	REQUIRED: English Literature, 65, 66 III. History of Art, 7 and 8 Logic and Psychology, 205, 206 III. Physical Education ... II.	REQUIRED: Logic and Psychology, 205, 206 III. Physics, 197, 198..... V. Physical Education ... II.
OPTIONS: (One must be chosen.) 1. Biology, 15, 16.... III. 2. History of England and France, 127, 128 IV. 3. One Language, 85, 86, 93, 94, 101, 102, 108, 113, 114, 147, 148, 220 IV. 4. Mathematics, 163, 164 IV.	OPTIONS: (Two must be chosen.) 1. History of England and France, 127, 128 IV. 2, 3. Languages, 85, 86, 93, 94, 101, 102, 108, 113, 114, 147, 148, 220 IV. 4. Mathematics, 163, 164 IV. 5. Biology, 15, 16.... III.	OPTIONS: (Two must be chosen.) 1. Chemistry, 29, <i>a</i> and <i>b</i> V. 2. History of England and France, 127, 128 IV. 3. { Mathematics, 165, 166 IV. Mechanical Draw- ing, 167, 1st Sem. I. 4. One Language, 85, 86, 93, 94, 101, 102, 108, 147, 148, 220 IV.

Junior

Total class-room work per week, at least fourteen hours.

Language and Literary Courses

Scientific

REQUIRED:

Political Economy, 37, 1st Sem.....	III.
Economic Problems, 38, 2d Sem.....	III.
Lectures upon Law, 156, 2d Sem....	I.

REQUIRED:

Biology, 15, 16	III.
Political Economy, 37, 1st Sem.	III.
Economic Problems, 38, 2d Sem.	III.
Lectures upon Law, 156, 2d Sem. ...	I.

OPTIONS: (Open to all Courses)

1. English Literature of the 18th and 19th Centuries, 67, 68, 69, 70	III.
2. Anglo-Saxon, Chaucer and Middle English, 73, 74	III.
3. Victorian Prose and American Literature, 71, 72	III.
4. Lectures on Art, 9, 10	II.
5. Languages, 87, 88, 103, 104, 109, 115, 116, 119, 120, 143, 149, 150, 220	III.
6. Educational Psychology, 211, 1st Sem.	III.
7. General Botany, 17, 18	III.
8. Physics, 195, 196, 199, 200..III. or V.	
9. Social History and Sociology, 214, 215	III.

10. Biblical History and Literature, 131, 132	III.
11. Analysis and Theory of Music, 184, 185	II.
12. Mathematics, 169, 170, 171, 172, 175, 176, 177, 178	III.
13. Chemistry, 31	VII.
14. Meteorology, 201, one sem.	III.
15. Physiology and Hygiene, 21	III.
16. Advanced English Composition, 64	I.
One of the options chosen by students in the Scientific Course must be either Chemistry or Physics.	

Senior

Total class-room work per week, at least fourteen hours

Language and Literary Courses

Scientific

REQUIRED:

History of Philosophy, 189, 1st Sem..	III.
Modern Philosophy or Ethics, 190 or 191, 2d Sem.	II.

REQUIRED:

Geology, 97, and Astronomy, 12.....	III.
-------------------------------------	------

OPTIONS: (Open to all Courses)

1. Theoretical Biology, 19, 1st Sem..	III.
2. Bacteriology and Sanitary Science, 20, 2d Sem.	III.
3. English Literature of the 18th and 19th Centuries, 69, 70	III.
4. Victorian Prose, 71, 1st Sem.	III.
5. American Literature, 72, 2d Sem.	III.
6. Anglo-Saxon, Chaucer and Middle English, 73, 74, 75, 76	III.
7. Social Pathology and Municipal Problems, 216, 217	III.
8. Economic History, 39, 1st Sem..	III.
9. Practical Economics, 40, 2d Sem.	III.
10. Modern History, 129, 1st Sem....	III.
11. United States History, 130, 2d Sem.	III.
12. Biblical History and Literature, 131, 132	III.
13. Seminar in History, 137	II.
14. 15. Geology, 97, and Astronomy, 12	III.
16. Languages, 89, 90, 105, 106, 109, 110, 117, 118, 119, 120, 143, 151, 152, 220	III.
17. Methods of Teaching, 43, 44, 2d Sem.	III.

18. Special Methods, 46, 2d Sem...I. or II.	
19. History of Education, 47, 1st Sem.	III.
20. Theory of Education, 50, 2d Sem.	III.
21. Principles of Froebelian Philosophy, 51, 52, 55, 1st Sem... ..	III.
Principles of Froebelian Philosophy, 51, 52, 55, 2d Sem... ..	IV.
22. Psychology, Child Study, 209, 210	III.
23. Educational Psychology, 211, 1st Sem.	III.
24. Mathematics, 175, 176, 177, 178, ..	III.
25. Analysis and Theory of Music, 184, 185	II.
26. Mineralogy, 179, a and b	III.
27. Technical Chemistry, 33	VII.
28. Physics, 199, 200	V.
29. Meteorology, 201, 1st Sem.	III.
30. Metallurgy, 181, 1st Sem.	III.
31. Economic Geology, 98, 2d Sem... ..	III.
32. Human Anatomy, 22	III.
33. Anthropometry, 23	I.
34. Advanced English Composition, 64	I.
One of the options chosen by students in the Scientific Course must be either Chemistry or Electricity.	

REGULATIONS CONCERNING TEACHERS' COURSES IN ADELPHI COLLEGE

1. Teachers and other mature persons whose qualifications are approved by the Faculty may present themselves for admission to the Teachers' Courses in Adelphi College by taking the regular entrance examinations in June or September, or by submitting to the judgment of the Faculty satisfactory diplomas, certificates, or other official evidences of scholastic work done. Applicants for admission, upon presentation of papers or before entering examinations, are required to pay a registration fee of five dollars to the Bursar.

2. Teachers of three years' experience in the High Schools of New York City, or teachers who have taught three years in the Public Schools of New York City under a Grade A certificate, may be excused from entrance examinations in History, Physiology, and Mathematics.

3. Teachers who have been in active service for at least three years shall not be required to pass entrance examinations in English, except in composition.

4. Teachers and other mature persons not candidates for a degree may be admitted to Teachers' Courses as special students upon the approval of the Faculty and the instructor in charge.

5. The courses for the especial benefit of teachers consist chiefly of afternoon, evening, and Saturday morning class-exercises in the prescribed studies of the College curriculum. Such courses will consist of at least two one-and-one-half-hour exercises a week for thirty weeks or, in case of a semestral study, for fifteen weeks. Scientific studies involving laboratory work must, unless otherwise ordered by the Faculty, be studied in residence at the Adelphi. If expenditures in a laboratory course for apparatus and materials shall, for any student, amount to more than the prescribed laboratory fee, the amount in excess may be charged to that student by the Bursar.

6. Teachers who wish to obtain a degree from Adelphi College must complete the prescribed curriculum in one of the three College courses—*i. e.*, the Language, the Literary, or the Scientific—and must spend at least one year as a student, devoting full time to study in Adelphi College, or must take at least eight Residence Courses in Adelphi College. The rule concerning the requirement of eight Residence Courses may be modified, at the discretion of the Faculty, in case of students who are admitted to the College upon letters of honorable dismissal from other colleges. No

student who is actively engaged in teaching will be permitted to study more than two subjects in the Teachers' Courses at one time, except by special permission from the Faculty.

7. Students in the Teachers' Courses, who are candidates for a degree, may not take Senior studies until all entrance deficiencies have been made up.

8. All examinations will be held at the usual time in June or September, or in the last week of the first semester. Special examinations may not be held unless by consent of the Faculty and subject to the conditions prescribed by the Bursar.

9. Except by special consent of the Faculty, no instructor shall conduct a class in the Teachers' Courses unless at least six pupils apply for admission thereto.

10. The Faculty will accept properly authenticated certificates of work done within the class-rooms of other colleges. Certificates of work done in summer schools will also receive consideration if issued and guaranteed by a college or university of high standing. Credentials of work done in normal colleges and city training schools may be submitted to the Faculty.

Certificates issued by private tutors will not be accepted.

11. An application to be admitted, upon certificate, to Adelphi College in its Teachers' Courses as a candidate for a degree, should be presented, together with certificates, to the Faculty, before June 15th or October 1st in each year. Applications for either Residence or Direction Courses should be filed with the Registrar on or before the same dates. Communications concerning the studies should be addressed to President C. H. Levermore, Adelphi College, or to the Dean's office. The Dean of women students in the College is Miss Alice Blythe Tucker; of the men students, Professor William C. Peckham. The office hours of the Deans are stated on page 3. Business communications should be addressed to the Bursar.

12. In accordance with the terms of the circular issued by the City Superintendent of Schools, under date of June 24, 1898, and specifying the requirements for a teachers' license No. 2, or Grade A, and for Head of Department licenses, the courses of instruction offered by Adelphi College in its various departments present to teachers a favorable opportunity for performing the work necessary in order to obtain either one of those certificates. For these purposes the City Superintendent approves all college classes excepting those which may be engaged upon the elementary study of a language.

13. All persons who enter the Adelphi Teachers' Course classes are required to enroll their names in the Bursar's office (east side of the Lafayette Avenue entrance), to pay one-half the tuition fee and to receive a card of admittance to the desired class. This card must be presented to the teacher in charge of the class. No pupil, thus registered, may withdraw from the class without notifying the Bursar. No deduction is made on account of absence.

14. Among the courses that will be offered for the year 1906-7, are the following, among which choices may be made:

Subject.	No. of Course.	Instructor.
History of Art.....	7 and 8.....	Miss Both-Hendriksen
General Biology	15 and 16.....	Professor Gaines
Sanitary Biology	19 and 20.....	Professor Gaines
General Chemistry	25a and b.....	Professor Share
History and Theory of Educa- tion	56	Miss Scott
History of English Fiction...	77	Asst. Professor Tucker
Sophomore English	65 and 66.....	Professor Greenlaw
French Classic Drama and Lit- erature of the 19th century..	86 and 90.....	Professor Kerr
Elementary French	81 and 82.....	_____
Elementary German	97 and 98.....	_____
Historical German	109	Professor Coar
Sophomore German	101 and 102.....	Professor Coar
Elementary Greek		_____
Freshman Greek	111 and 112.....	Professor Lawton
Greek Literature in English ..	119 and 120.....	Professor Lawton
American History.....	130	_____
Freshman History	125 and 126.....	Professor Fradenburgh
Italian	143	Professor Lawton
Elementary Latin		_____
Freshman Latin	145 and 146.....	Professor Sanford
Senior Latin	147 and 148.....	Professor Sanford
Freshman Mathematics	163 and 164.....	Professor Bowden
Philosophy and Ethics	205 and 206.....	Professor Henderson
Educational Psychology	211	Professor Henderson
Sociology	214 and 215.....	_____
Spanish	220	Miss Cuevas

N. B.—THE SOPHOMORE LOGIC AND PSYCHOLOGY, 205, 206, IS OFFERED BY DR. HENDERSON DURING THE SUMMER OF 1906, BEGINNING SOON AFTER COMMENCEMENT.

Classes in other subjects may be organized, provided not less than six students apply for the same.

These courses will begin soon after October 1, 1905, subject to conditions imposed in foregoing regulations. The hour of class-exercise is to be determined by the convenience of both students and teachers.

EXPENSES

ALL TUITION IS PAYABLE SEMI-ANNUALLY IN ADVANCE at the Bursar's office in the Academic Building.

The fees for tuition in the various departments of the College are as follows:

Tuition in the College, per semester.....	\$90 00
Tuition in the College for Students in Teachers' Courses only, per semestral course, three hours per week.....	18 00
This fee is based upon a rate of twelve dollars for a course of one hour a week, for a year of thirty weeks.	
Tuition in the Normal Departments, per semester.....	50 00
Tuition in the Art Departments, per semester.....	25 00
Special Examinations, each.....	5 00

There are no extra charges in the College Course except for materials used in the laboratories, and a fee of five dollars to cover the cost of the final diploma. In the Normal Department there is no extra charge for kindergarten materials.

Special Students are charged at the rate of \$30 a semester for each subject studied. Special students in the sciences are entitled to the same amount of laboratory work as that which is required of regular students; for extra work in the laboratories they pay \$20 a semester for each additional period. No special student is received for less than one semester. Special students who take three subjects pay the regular rate.

Students in Biology and Physics will pay in each subject a laboratory fee of \$5 to cover cost of materials. Students in the Chemistry classes will pay a laboratory fee of \$10 to cover cost of materials. No laboratory desk will be assigned before payment of the fee is made. All laboratory fees are payable only in the Bursar's office. When breakage or usage exceeds the amount of the laboratory fee, an additional charge will be made to cover the excess.

The College maintains a Book Room, where all books and stationery may be purchased by the students for cash.

No deduction is made for absence. Students who withdraw during the year are liable for tuition until the Bursar has been notified of the withdrawal.

The price of board and lodging in the neighborhood of Adelphi College is from \$5 a week upward. Table board can be obtained at prices ranging from \$4 a week upward.

Address all business communications to The Bursar, Adelphi College, Brooklyn.

EQUIPMENT

I. Buildings. The group of buildings now occupied by the College fills the entire end of the block between Lafayette Avenue and Clifton Place, upon St. James Place. The main entrance of Adelphi College is on Clifton Place. The central building is an assembly hall, 50x72 feet, with sittings for about a thousand persons.

During the noon hour, daily, or from 11.40 to 1.30 o'clock, a warm luncheon can be obtained in a lunch room within the buildings.

The College building is served by an electric elevator.

The College provides accommodations for the clothing of pupils and takes due precaution for the security of such articles, but it cannot be responsible for their safety.

Convenient access to the buildings is provided by the Brooklyn Union Elevated R. R. (DeKalb or Greene Avenue Stations), or by the Greene, DeKalb, Franklin, Vanderbilt, and Fulton electric cars.

By arrangement with the officers of the Brooklyn Rapid Transit Company, a special car is run before 9 A. M. from Flatbush along Flatbush and Nostrand Avenues to Adelphi, so that the trip may be made without change and for one fare. Time-tables may be procured at the Bursar's office.

II. The Library and Reading Room. The Library now contains about eleven thousand volumes. In the reading room the principal magazines and all leading educational periodicals are on file. Students also have access to the large collections of the Public Library, which maintains a branch in the vicinity, and to the Pratt Free Library, which is only one block distant from Adelphi.

III. The Laboratories. On the third floor of the College building are the mathematical and physical laboratories.

The mechanical drawing room is well lighted and contains a large col-

lection of geometric models and machine types. There is also a complete equipment for the study of surveying.

There are two laboratories for physics, abundantly equipped, and a lecture-room with a seating capacity of one hundred.

The lecture-room is provided with an electric projecting lantern with vertical attachment, polarizing elbow and microscope, and the department possesses a large set of objects for projection. There is an electric lighting and power plant, consisting of a forty horse-power engine, a 250-light U. S. direct current dynamo, and three U. S. motors. During the hours of session these furnish current in the lecture-room and laboratories and drive the ventilating fans. At other times connection is made with the Edison three-wire system, giving a constant potential of 230 volts.

The fourth floor is occupied by the departments of chemistry and biology. The department of chemistry possesses, besides a lecture-room and a weighing-room, a *Main Laboratory*, a *Quantitative Laboratory*, an *Assay Laboratory*, and a *Blowpipe Laboratory* for the work in mineralogy and blowpipe analysis. The lecture-room has seats for eighty students, and is provided, like the physical lecture-room, with a specially constructed electric projecting lantern, with attachments for horizontal, vertical, and side projection, and special apparatus for the projection of microscopic objects.

A supply room contains a store of extra apparatus, from which the students can obtain all the material they require in their experimental work. This room is arranged for use as a photographic dark room, with complete apparatus for making lantern slides, including a fine copying, enlarging and reducing camera, and complete equipment for electric illumination, rendering it possible to do photographic work at all times without dependence upon sunlight.

In the rooms of the department of chemistry are exhibited the Mineralogical Collection, containing about two thousand specimens and a set of models of crystals. There is also a Geological Collection, including the representative fossils of all formations and large collections of the different kinds of rocks.

The biological laboratories are two in number and are well provided with facilities for botanical and zoölogical study, including dissecting and compound microscopes, a herbarium, mounting apparatus and various reagents, and a large amount of illustrative material, including a fine collection of type-vertebrate skeletons.

IV. The Gymnasium and Playing Field.—The gymnasium is in charge of a Director, who is a physician, and of a lady assistant. The

calisthenium is a spacious room provided with a piano, and with the usual equipment of wands, clubs and bells. The remaining space, besides dressing-rooms, bath-room and offices, contains two large rooms well supplied with all modern apparatus. In the central gymnasium are found handball courts and a basketball field.

The playing field is situated near Classon Avenue, between Park Place and Prospect Place. It is near the Franklin Avenue, Bergen Street and Vanderbilt Avenue line of cars, and is about twelve minutes' walk from the College. It contains ball fields, tennis courts, running tracks and a grand stand, with seats for two hundred and fifty persons. Underneath the grand stand are dressing-rooms, with lockers and bath-rooms. The carriage entrance to the field is on Prospect Place. The ordinary entrance is on Park Place, near Classon Avenue. It is expected that during the current year a much larger playing field will be equipped, situated upon lands belonging to the institution near the Crescent Avenue Station of the Lexington Avenue Elevated Road and lying between Fulton Street and Crescent and Ridgewood Avenues.

V. Scholarships.—In 1902, Mrs. Charles R. Baker founded and endowed a free scholarship in Adelphi College to be called the

SARAH CONSELYEA BAKER SCHOLARSHIP,

in memory of her daughter, who was graduated from Adelphi Academy with the class of 1896.

During the current year, 1906, Miss Harriet M. Martin, B.A., Adelphi, '02, has established a free scholarship, as a memorial to her mother.

These two scholarships are awarded by vote of the Faculty to worthy and deserving students in recognition of meritorious scholarship and excellence of character.

Five scholarships, of the value of \$180 each, and called

THE BROOKLYN HIGH SCHOOL SCHOLARSHIPS,

are offered annually to those members of graduating classes in Brooklyn High Schools who show the highest proficiency in competitive examination upon all the subjects required for admission to a course in Adelphi College. If candidates of sufficient merit present themselves, it is intended that each Brooklyn High School shall be represented among the winners of these scholarships, but the Faculty reserves the right to apportion the scholarships if necessary, without regard to the scholastic affiliations of the candidates. The examinations will be held in June of each year, usually upon the Tuesday, Wednesday and Thursday of the week before Commencement. Students in the Brook-

lyn High Schools are eligible for admission to these examinations if they are recommended by the principal of the school that they are attending, and if they have attained the age of sixteen years. Under the same conditions students who have been graduated from the high schools at the mid-year are eligible for admission to these examinations in the following June, provided that in the interval they have not become students in college. A similar scholarship, called

THE ADELPHI ACADEMY SCHOLARSHIP,

is offered under the same terms and at the same competitive examinations to members of the graduating class in Adelphi Academy.

For further information concerning these scholarships and examinations address the Secretary of the Faculty, Dr. A. G. Fradenburgh, Adelphi College.

The College devotes each year a certain portion of its resources to the maintenance of scholarships for the benefit of indigent and deserving students. Those who need aid should communicate with the president before November 1st in each year of the College Course. A student applying for aid for the first time is required to present evidence in writing that he is worthy to receive assistance, and that such help is necessary to enable him to continue in collegiate studies. Assistance will be withdrawn from students who are irregular in attendance, or who fail to maintain a reputable scholarship.

VI. PRIZES. The Ossoli Prize.—This prize, having a value of fifty dollars, is offered annually for the best English essay written by a student in Adelphi College. The subjects are announced in May of each year for the competition during the year following, and the results of the competition are announced at Commencement time.

Barlow Medals.—In December, 1897, Mr. George Barlow, of Brooklyn, gave to the College the sum of \$5,000, to be known as the George Francis Barlow Fund, in honor of the donor's son, who was the valedictorian of the Adelphi Academy Class of 1878. Part of the proceeds of this Fund is devoted to the maintenance of the Barlow Medals, which may be awarded in June of each year to that student in each course of the Sophomore year in Adelphi College who has attained the highest rank in scholarship in all studies during the first two years of the College Course. The remainder of the annual income from this Fund is devoted to the purchase of books, pictures, and apparatus.

Art School Prizes.—In the Art School a number of prizes are awarded to the winners in the annual competitions, which are described more fully in the section of this catalog relating to the department of fine arts, *q. v.*

Adelphi College Prizes in Taxation and Municipal Government.—Ten prizes, amounting in value to a total of \$500, are offered in 1906 for the best essays from Adelphi College students; first, upon some subject in Taxation; and second, for some subject concerning Municipal Government exclusive of the topic of Taxation. There will be five (5) prizes for essays upon subjects in Taxation and five (5) prizes for essays upon other subjects in Municipal Government. In each subject there will be a first prize of \$100, two second prizes of \$50 each, and two third prizes of \$25 each.

VII. Lectures.—Besides the lectures of many kinds maintained annually by Adelphi within its own walls, the students are advised to avail themselves of the exceptional educational opportunities afforded them in the unrivaled lecture and concert courses of the Brooklyn Institute. A merely nominal annual fee admits any one to most of the facilities of the Institute. All of its work is conveniently near Adelphi; some of it is placed every year within Adelphi halls. The new Art Museum of the Institute is not far away and is more and more valuable as an educational force.

During the second semester the members of the Junior Class are required to attend lectures upon "Law as related to the life of the citizen," and upon the origins and development of law.

Dr. Eliza M. Mosher gives a short course of lectures at the beginning of each college year to the women members of the Freshman Class and of the first year Normal Class upon the subject of "The Body and the Care of it."

The lecturer this year (1905-1906) before the Cercle Français of Adelphi College was M. Julien Tiersot (Dec. 6, 1905).

**THE NORMAL SCHOOL FOR KINDERGARTNERS AND ART
TEACHERS**

Faculty

CHARLES H. LEVERMORE, Ph.D., President.

JOHN B. WHITTAKER, Superintendent of the Art School
and Professor of Painting and Drawing.

ANNA E. HARVEY, Professor of Froebelian Theory and Methods.
Superintendent of the School for Kindergartners and Secretary of
the Faculty.

FREDERICK W. OSBORN, B.A., M.A.,
Professor of Psychology and Philosophy.

ELIZABETH V. GAINES, B.A., M.A., Professor of Biology.

ERNEST N. HENDERSON, B.A., M.A., Ph.D., Professor of Education.

ADELBERT G. FRADENBURGH, Ph.D., Professor of Sociology.

LOUISE BOTH-HENDRIKSEN, Instructor in the History of Art.

FREDA M BRUNN, B.A., Instructor in Psychology and English.

FRANCES H. FLAGLER, Instructor in Physical Education.

CAROLYN STANFORD KIBBE, Instructor in Vocal Music.

L. LELAND LOCKE, B.A., M.A., Instructor in Instrumental Drawing.

ANNA GERTRUDE MORSE,
Instructor in Manual Training and Drawing.

ELIZA M. MOSHER, M.D., Lecturer upon Hygiene.

N. LOUISE ROETHGEN, Instructor in Methods.

SARAH E. SCOTT, M.A., Instructor in Theory of Education.

EDWIN PLATT TANNER, B.A., Instructor in History.

THE NORMAL SCHOOL FOR KINDERGARTNERS

The Adelphi Normal School for Kindergartners was organized in 1893. The first class, consisting of nine members, graduated in 1895. At the present time one hundred and nine graduates of this school are teaching. Of this number, eighty-three are kindergartners in the public schools in the city of New York.

The Adelphi Normal Kindergarten Alumnæ Association was organized in 1896. The officers for 1906 are: President, Mrs. S. P. Silverman, '02; Vice-President, Ethel English, '99; Recording Secretary, Julia C. Ross, '02; Corresponding Secretary, Harriette Warren, '01; Treasurer, Bessie H. Thompson, '97. In 1898 this Association directed its efforts toward maintaining a free kindergarten at the Bureau of Charities, 1660 Fulton Street, Brooklyn. This work was carried on most successfully until June, 1901, when the Association transferred this kindergarten to the Free Kindergarten Society, and began to organize and maintain a free kindergarten in connection with the Ridgewood Household Club at 333 Bleecker Street, Brooklyn.

In addition to the practice teaching in the Alumnæ Kindergarten, the Normal students have opportunities to teach in the kindergartens of the Free Kindergarten Society of Brooklyn, the Church of the Incarnation (Quincy Street, near Classon Avenue), the Emmanuel Baptist Mission, the Atlantic Avenue Chapel, and the Meredith and Orton Free Kindergartens.

The course of study extends through two years. Students who complete the full course and give satisfactory proof of efficiency and ability will receive a diploma certifying to their attainments. Students who are found deficient in oral or written English will be obliged to show satisfactory improvement before they can receive the diploma of the school. The fee for instruction in this school is \$100 per annum, payable semi-annually. There are no extra charges for materials.

Candidates for admission must be at least eighteen years of age, must have had either a high-school training or its equivalent, and must satisfy the Superintendent that they are competent to study kindergartening with prospect of success.

Course of Study

First Year

CLASS-ROOM WORK, 20 HOURS WEEKLY, EXCLUSIVE OF GYMNASIUM PRACTICE.

Psychology, 208, 3 hours weekly.

Zoölogy and Botany, 14, 3 hours weekly.

Modern History and History of Education, 48, 3 hours weekly.

Mother-Play, 55, 1 hour weekly.

Music, 186, 1 hour weekly.

Drawing, 6, 2 hours weekly.

Stories and Games, 1 hour weekly.

Gifts and } with Observation,
Occupations, } 6 hours weekly.

Second Year

IN THE FIRST SEMESTER 15 HOURS WEEKLY ARE DEVOTED TO PRACTICE TEACHING. CLASS-ROOM WORK FOR EACH SEMESTER IS SUBSTANTIALLY AS FOLLOWS:

Psychology, 209, 210, 3 hours weekly.

Sociology, 218, 2d Sem., 2 hours weekly.

Kindergarten Principles, 51, 1st Sem., 2 hours weekly.

Froebelian Theory and Methods, with Observation, 52, 2d Sem., 3 hours weekly.

Mother-Play, 56, 1 hour weekly.

Music, 186, 1 hour weekly.

Drawing, 6, 1 hour weekly.

Stories and Games, 2 hours weekly.

Gifts and Occupations, 1st Sem., 3 hours weekly.

Gifts and Occupations, with Observation, 2d Sem., 4 hours weekly.

Candidates for admission must present certificates from institutions of recognized standing, or be prepared to pass examinations in the following subjects: English (Grammar, Rhetoric, and Literature—the college entrance requirements for the year or their equivalent), General History, Physiology, Plane Geometry, Physics, and three years' study of a language other than English. Only a limited number of students can be admitted to this school.

Candidates may present themselves for examination in September at the time of Adelphi College entrance examinations, as stated in the College calendar, or in June in the week before Commencement. Applications for admission to these examinations should be made at least one week before the date of the examinations, to the Superintendent,

Professor ANNA E. HARVEY, Adelphi College, Brooklyn, N. Y.

THE SCHOOL OF FINE ARTS

The whole of the fifth floor of the Collegiate Building is devoted to the Art School. There is a spacious studio, which is furnished with full- and half-size statues, large and small torsos, busts, masks, and reliefs. There is also a large room for classes in drawing and painting from life. Besides, there are three rooms for modeling, the making of casts, and for the use of small classes. There is also a manual training work-room. All the studios are open daily from 9 A. M. until 4 P. M.

The special student entering the Art School is independent of the other departments of the school, and there are no restrictions as to age. One may choose, according to predilection or ability, between the antique, still life, portraits, figure, charcoal, pastel, oil and water color, or he may include all in his studies for which he finds time. An evening class called "The Sketch Club" meets on Tuesdays from 7.30 to 10 P. M.

The charge for tuition is \$25 per semester, or \$50 per annum.

Students in this department are admitted to all privileges of the College library and reading room.

The annual exhibition of the work of the pupils of the Adelphi Art School is usually held on the last Friday and Saturday in May of each year.

The drawings of the students are arranged in classes, and prizes are awarded as follows:

Best bust from the Antique.....A silver medal.

Best figure from the Antique.....A gold medal.

Best head from LifeA silver medal.

Best figure from Life.....A gold medal.

In the class in painting a silver medal is awarded for the best draped figure from life, and a gold medal for the best nude figure from life.

The student who is regarded as showing the greatest improvement during the year receives a silver medal.

The award of all prizes is made by a jury specially chosen for this purpose, which inspects the drawings and paintings upon exhibition. The prizes are presented to the winners during Commencement week.

Those competitors whose work is regarded as next in excellence to that of the winner receive honorable mention.

In all classes in the Art School there is a monthly review of the work of the students and those subjects which deserve especial commendation receive a mark of honor.

Normal Art Course

Courses in the Art School and the College have been combined so that they constitute a normal training for students who wish to become

teachers of drawing. Applicants for admission to this course, who intend to become candidates for drawing certificates, must be at least 18 years of age, and must either be graduates of a high school or be able to show by examination that they possess an equivalent preparation. All applicants will be required also to pass an examination in drawing, set by the Superintendent of the Art School. The course extends through two years, and a diploma is awarded to those students who complete the work of the course satisfactorily. The fee for instruction in the Normal Art Course is \$100 a year, payable semi-annually in advance. All students in this course may, at the discretion of the Superintendent and Faculty, be required to attend courses of lectures upon Art that are among those delivered each year before the Brooklyn Institute.

Course of Study

Numerals after title indicate number of course in "Courses of Study," *q. v.*

First Year

Cast Drawing and Clay Modeling,
1, 4 half-day sessions.
Free-hand Perspective, 3.
Sketching and Composition, 2,
3 half-day sessions.
Instrumental Drawing, 5, 1 half-
day session.
History of Art, 7, 8, 2 hours
weekly.
Psychology, 208, 3 hours weekly.
Modern History and History of
Education, 48, 3 hours weekly.

Second Year

Cast Drawing, 1, 1 half-day ses-
sion.
Free-hand Perspective and Sketch-
ing, 2 and 3, 2 half-day ses-
sions.
Composition, 2 half-day sessions.
Water Color, 4, 2 half-day ses-
sions.
Elementary Manual Training, 3
hours weekly.
History of Art, 9, 10, 1 hour
weekly.
Psychology, 209, 210, 3 hours
weekly.
Special Methods in Drawing and
Manual Training, 46, 3 hours
weekly, first semester.
Methods of Education, 43 and 44,
3 hours weekly, second semes-
ter.

For circulars and other information concerning the School of Fine Arts and Normal Art School, address the Superintendent.

PROF. J. B. WHITTAKER, Adelphi College, Brooklyn.

STUDENTS' ORGANIZATIONS

I. COLLEGE STUDENTS' ASSOCIATIONS FOR SELF-GOVERNMENT.

In each study-room of the College the students are organized into an association for self-government. The officers of these associations are elected by the members. The associations prescribe and administer rules and regulations, approved by the Faculty, concerning the attendance and discipline of the members.

1. *College Women, Organized*, 1906—Ida Poole Brown, '06, President; Florence Boole, '07, Vice-President; Florence B. Chinnock, '08, Secretary; Ethel M. Kipp, '09, Treasurer. Executive Committee—Seniors: Ida Poole Brown, chairman; Marguerite F. Welles, Meta E. Schutz; Juniors: Jane H. Davis, Grace Delano. Sophomores: Irma M. Weeks, Loretto McGuire; Freshmen: Marion W. Cudlipp, Mary E. Townsend.

2. *College Men*—Frederick L. Onken, '06, President; Ivan R. Coffin, '07, Vice-President; John H. Schaumloeffel, '08, Secretary; William Lindlar, '09, Treasurer.

3. *Normal School Students, Organized*, 1905—Minnie R. Behrends, '06, President; Margaret Foster Nichols, '06, Vice-President; Agnes G. Carey, '06, Secretary; Mary B. McKeon, '07, Treasurer. Executive Committee—Olga Rose, '06, Matie L. Bassett, '06, Fanny Dean Boyd, '07, Edith Leonard, '07.

II. *Branch of the Young Women's Christian Association*—Meta E. Schutz, '06, President; Florence Boole, '07, Vice-President; Jane H. Davis, '07, Secretary; Sigrid C. Freeberg, '08, Treasurer. Departments: Membership, Florence Boole; Religious Meetings, Ida M. Williams; Bible Study, Helen G. Newton; Missionary, Mildred B. Bunting; Social, E. Winifred Rose; Intercollegiate, Sigrid V. Wynblad; Practical Service, Martha Kobelt; Finance, Grace A. Broadhurst.

III. *College Women's Glee Club*—Professor John Hyatt Brewer, Director; Jane H. Davis, '07, President; Grace Delano, '07, Vice-President; Ruth E. Goddard, '07, Secretary; Mildred B. Bunting, '08, Treasurer; Marion F. Relph, '07, Librarian; Sigrid V. Wynblad, '08, Assistant Librarian.

IV. *College Men's Glee Club*—Professor John Hyatt Brewer, Director; Frederick L. Onken, '06, President; Paul Handrich, '07, Secretary; J. H. Schaumloeffel, '08, Treasurer.

V. *Mathematical Club*—Miss Clara L. Crampton, President; Dr. Arthur Latham Baker, Vice-President; Miss Elaine Stevens, '07, Treasurer and Secretary; every third Monday in Room 74, at 4.30 P. M.

VI. *Historical Club*—Dr. A. G. Fradenburgh, President; Edwin P. Tanner, Vice-President; Gertrude I. Sayler, '07, Secretary and Treasurer.

VII. *Club for Social Studies*—Bertha Chapman, '06, President; Edith Belle Wall, '06, Vice-President; Frances E. Napier, '06, Secretary and Treasurer.

VIII. *Die Bodenrunde*—A social club organized for the purpose of conversation in German. Dr. J. F. Coar, Honorary President; Selma Isenburger, '07, President; Ethel Stevens, '05, Vice-President; Harriet J. Slator, '06, Secretary; Rachel Natelson, '07, Treasurer.

IX. *The Sketch Club*—David B. Holland, President; Mrs. J. B. Whitaker, Vice-President; Addie B. Murr, Secretary; Harry E. Olsen, Treasurer.

X. *Adelphi College Debating Club*—Meta E. Schutz, '06, President; Selma Isenburger, '07, Vice-President; Fred. L. Onken, '06, Secretary; Executive Committee—Meta E. Schutz, '06, Grace Delano, '07, Selma Isenburger, '07, Rachel Natelson, '07.

XI. *Dramatic Association*—Marguerite F. Welles, '06, President; Neva Haight, '06, Vice-President; Florence B. Chinnock, '08, Secretary; Loretto McGuire, '08, Treasurer.

XII. *The Round Table*—Rose Brenner, '06, President; Grace Delano, '07, Vice-President; Ruth E. Goddard, '07, Secretary; Florence E. Parker, '06, Treasurer.

XIII. *Oracle Board*, representatives of the Junior Class, elected by the Class—Genevieve W. Beavers, Editor-in-Chief; Grace A. Broadhurst, Grace Delano, Charlotte A. Ulrich, Lilian J. Whitlock, Associate Editors; Florence M. Powers, Literary Editor; Helen E. Roth and Paul C. Handrich, Art Editors; Gertrude I. Sayler, Selma Isenburger, Ivan R. Coffin, Business Managers.

XIV. *College Women's Athletic Association*—Mary K. Flagler, '06, President; Mabel K. Swezey, '07, Vice-President; Neav Haight, '06, Secretary; Selma Isenburger, '07, Treasurer.

XV. *College Men's Athletic Association*—Robert G. Redlefsen, '07, President; Frederick L. Onken, '06, Vice-President; Ivan R. Coffin, '07, Secretary; John H. Schaumloeffel, '08, Treasurer.

XVI. *Students' League for the Benefit of Adelphi College:*

1. *Adelphi Academy Chapter*—Mira A. Kelley, '06, President; Florence E. Parker, '06, Vice-President; E. Madeline Schiff, '07, Secretary; Marjorie Commiskey, '09, Treasurer.

2. *Eastern District High School Chapter*—Lucille Marie Owen, '08, President; John Henry Schaumloeffel, '08, Vice-President; Johanna Haaf, '09, Secretary; Edna Mary Werrey, '08, Treasurer.

3. *Erasmus High School Chapter*—Meta E. Schutz, '06, President; Virginia A. McCann, '07, Vice-President; Blanche E. Lopez, '07, Treasurer; Elizabeth M. Kerrigan, '06, Secretary.

4. *Girls' High School Chapter*—Grace Delano, '07, President; Ruth E. Goddard, '07, Vice-President; Selma Isenburger, '07, Secretary; Mary Edna Townsend, '07, Treasurer.

5. *Manual Training High School Chapter*—Florentina Carás, '07, President; Theresa Grant, '07, Vice-President; Abraham Holzmänn, '06, Secretary; Leila E. Blair, '09, Treasurer.

6. *The United Extension League*—Frances E. Napier, '06, President; Florence Boole, '07, Vice-President; Laurretta I. Delaney, '07, Secretary; Helen G. Newton, '07, Treasurer.

XVII. *Cercle Français*—A society of students of the French language and literature affiliated with the Fédération de l'Alliance Française aux Etats-Unis. Dr. W. A. Kerr, President; Frances E. Napier, '06, Vice-President; Neva Haight, '06, Secretary; Jennie M. Matzdorf, '08, Treasurer.

XVIII. *The Lituus*—Published weekly by students in Adelphi College. Editorial Board: Mira A. Kelley, '06, Elizabeth M. Kerrigan, '06, and Mary K. Flagler, '06, Editors-in-Chief; Frederick L. Onken, '06, and Paul C. Handrich, '07, Business Managers.

XIX. *The Adelphi Chapter of the Ridgewood Household Club*—An association composed of Adelphi Academy, College and Normal Alumnae,

for the purpose of Christian and philanthropic work. This work had its beginning in a free Kindergarten established by the Normal Alumnæ in 1898, at the United Charities Building. The Chapter conducts settlement work at 333 Bleecker Street, Brooklyn. Officers: President, Margaret E. Johnson, A., '97; Vice-President, Margaret C. Holmes, N., '95; Treasurer, Ethel Hall, A., '01; Secretary, Helen L. Graff, A., '95. Delegates to Central Board: May Gelston, A., '01, Lucy Graff, A., '99, S. Edith Wilkinson, A., '94, Beulah B. Munson, A., '97, N., '99, and the President.

Adelphi College Alumni Association

Organized January 19, 1901. Officers: Mrs. Lucy Taylor Lewis, '99, President; Pauline M. Auel, '03, Vice-President; Mabel A. Knudson, '99, 422 Grand Avenue, Corresponding Secretary; Mrs. Walter R. Davies, '02, Recording Secretary; Juliette G. Hollenback, '02, Treasurer.

FIRST ANNUAL CONVOCATION

The first Mid-Winter Convocation of Adelphi College was held in the Assembly Hall on Tuesday, January 31, 1905, at four o'clock in the afternoon. President Levermore and Rev. Dr. Charles E. Locke made addresses.

SECOND ANNUAL CONVOCATION

The Second Mid-Winter Convocation of Adelphi College was held in the Assembly Hall on Friday, February 2, 1906, at four o'clock in the afternoon. Rev. Dr. F. J. McConnell offered prayer. Professor William C. Peckham, Dean of the men students in the College, and Dr. William L. Felter, Principal of the Girls' High School in Brooklyn, delivered addresses.

COMMENCEMENT, JUNE 11-13, 1905

The baccalaureate sermon was delivered on Sunday evening, June 11, in the Clinton Avenue Congregational Church by the pastor, Rev. Dr. Nehemiah V. Boynton.

The Commencement took place in the Majestic Theater, on Tuesday evening, June 13th. Rev. Dr. S. Parkes Cadman offered prayer and an address was delivered by Hon. Hampton L. Carson, Attorney-General of the State of Pennsylvania.

The degree of Master of Arts was conferred, in course, upon Charlotte Kathryn Koos, B.A. (Adelphi, '04), Mary Elizabeth Seaman, B.A. (Swarthmore, '99).

The following persons were admitted to the degree of Bachelor of Arts:

Ruth Benson, Ida Briggs, Elizabeth Miller Brown, Alice M. Burn, Joseph Francis Cashman, Emily Gertrude Chapman, Jessie Theodosia Coddington, Florence Cornelia Davenport, Katharine Alarcon Diffenderfer, Maureen Elder, Frances Forshaw, Louise Marie Fulda, Ethel Reid Hall, Pauline Parker Hathaway, Mary Hoyland Livermore, Margaret Creighton Mackintosh, Lydia Miller, Alice Nearing, Helen Madge O'Brien, Isabel Peckham Pashley, Marie Dolores Perozo, Anna L. Phillips, Lillian Irene Powers, Grace Stuart Ramsay, Mark S. Reardon, 3d, Edith Melville Sands, Helen Elizabeth Schradieck, Mary Florence Starkey, Ethel Stevens, Jeanne Washburn Swan, Katherine Fitzpatrick Tobin, Stella Millicent Tomlin, Anna Kellum Van Vranken, Mary Foster Volentine, Agnes Veronica Wilding.

The following persons were admitted to the degree of Bachelor of Science:

Mary Elizabeth Coffin, Joseph Gale Dunn.

Diplomas of the Normal School for kindergartners and art teachers were awarded to the following persons:

For Kindergartners:

Katherine A. Carlin, Mary Ella Chadeayne, Henrietta Elizabeth Clark, Blanche E. Delapierre, Mabelle Douglas Denham, Carrie Belle Dewes, Sophie Grace Dewes, Clare Louise Espenschied, Belle Revington Faulkner, Elsa Adelaide Fowkes, Mabel Ethel Gardiner, Ruth Miriam Graff, Margaret Veronica Hayes, Isabel J. Hays, Florence Carman Hewlett,

Jane Milne Howe, Edith Adele Hyer, Catharine Loretta Keller, Sarah Elizabeth Leverich, Mildred Estelle MacInnes, Virginia Edna MacManus, Carrie Mabel McCann, Margaret McCleary, Margaret McKillop, Pauline Rodman McLaughlin, Mary Meehan, Daisy Miller, Elizabeth Stephany O'Day, May Pearse, Nellie Regina Pearson, Clara Smith Peddle, Myrtie Agnes Phillips, Florence Emily Reynolds, Martha J. Ryan, Marion Lloyd Sinsabaugh, Ethel Elizabeth Smith, Anna Madeline Sullivan, Gertrude Sullivan, Frances Madelon Vaughan, Adelaide M. Weir, Anna Worthley White, Lavina May Wilcock.

For Art Teachers:

Ethel L. Brown, Mary Adeline Latham.

The Junior College certificate, signifying the satisfactory completion of all the prescribed work of the first two college years, was conferred upon the following students:

Ethel Annie Bishop, Florence A. Boole, Matilda Breid, Grace Adele Broadhurst, Florentina Carás, Ivan Robert Coffin, Jane Hendrickson Davis, Grace Delano, Ruth E. Goddard, Theresa Grant, Anna E. Halbert, Paul Charles Handrich, Gertrude E. Holden, Madeline Holler, Selma Isenburger, Helen M. Jackson, May Levy, Blanche Eliska Lopez, Kate Laura Matteson, V. Adelaide McCann, Milo Francis McDonald, Grace Elizabeth Mills, Rachel Natelson, Helen Gertrude Newton, Carrie Harriette Olsen, Florence May Powers, Robert Gordon Redlfesen, Marion Florence Relph, Helen Elizabeth Roth, Mary Jane Rowlands, Gertrude Isabel Sayler, Eva Madeline Shiff, Lillian Oliver Shiff, Bessie Stanton, Elaine Stevens, Mabel Kathleen Swezey, Beatrice Sara Thorne, Charlotte Arlington Ulrich, Edna Jessie Wakefield, Julia Theodora Welles, Lilian Isabelle Whitlock.

Award of Scholarships

HIGH SCHOOL SCHOLARSHIPS in Adelphi College, five in number, entitling the holder to free tuition in the class of 1909, open to graduates of Brooklyn High Schools, were awarded upon competitive examination as follows:

1. Elizabeth R. Guion.....of the Eastern District High School
2. William Lindlar.....of the Erasmus Hall High School
3. Ida Anna Glass.....of the Girls' High School
4. Ethel M. Kipp.....of the Erasmus Hall High School
5. Ruth Allaire.....of the Erasmus Hall High School

Winners of similar scholarships in the class of 1908 were:

1. Sigrid C. Freeberg.....of the Girls' High School
2. Mildred B. Bunting.....of the Manual Training High School
3. Florence B. Chinnock.....of the Erasmus Hall High School
4. Elizabeth D. Wagner.....of the Eastern District High School
5. Alice H. Lapidge.....of the Girls' High School

Winners of similar scholarships in the class of 1907 were:

1. Grace Delano.....of the Girls' High School
2. Marion F. Relph.....of Erasmus Hall High School
3. Lilian I. Whitlock.....of the Girls' High School
4. Charlotte A. Ulrich.....of the Girls' High School
5. Matilda A. Breid.....of the Erasmus Hall High School

Winners of similar scholarships in the class of 1906 were:

1. Rose Brenner.....of the Girls' High School
2. John F. McDonald.....of the Erasmus Hall High School
3. Maureen P. Elder.....of the Girls' High School
4. Meta A. Schutz.....of Erasmus Hall High School
5. E. Winifred Rose.....of Erasmus Hall High School

THE SARAH CONSELYEA BAKER scholarship for the year 1905-1906 was awarded to FLORENTINA CARÁS of the Class of 1907.

BARLOW MEDALS for excellence in scholarship during the first two years of the College Course were awarded to GRACE DELANO, Language Course, 1907, and to RACHEL NATELSON, Literary Course, 1907.

ADELPHI COLLEGE Prizes for Essays in Taxation and Municipal Affairs.

Winners of prizes on subjects in Taxation:

First Prize (\$100) awarded to META E. SCHUTZ, '06, for essay entitled "Double Taxation."

Second Prize (\$50) awarded to GRACE E. COMMISKEY, '06, for essay entitled "The New York Franchise Tax."

Second Prize (\$50) awarded to MARK S. REARDON, 3d, '05, for essay entitled "Double Taxation."

Winners of prizes on subjects on municipal affairs other than taxation:

First Prize (\$100) awarded to JOSEPH G. DUNN, '05, for essay entitled "Municipal Ownership of Street Railroads."

Second Prize (\$50) awarded to MARTHA COBELT, '06, for essay entitled "Municipal Art."

Second Prize (\$50) awarded to E. WINIFRED ROSE, '06, for essay entitled "Municipal Ownership of Street Railroads."

The Judges of Award were Messrs. A. S. Haight, L. A. Wray, and C. A. Green.

Senior Honors in Scholarships

The highest honors in scholarship during the last two years of the college course were awarded among members of the Senior Class as follows:

1. In Astronomy: Joseph Gale Dunn. 2. In Biblical History and Literature: Maureen Elder and Mary Hoyland Livermore. 3. Biology: Ruth Benson. 4. Chemistry: Mary Elizabeth Coffin. 5. English Language and Literature: Ruth Benson, Ethel Reid Hall, Mary Hoyland Livermore. 6. French Language and Literature: Marie Dolores Perozo, Anna Kellum Van Vranken. 7. German Language and Literature: Helen Elizabeth Schradieck. 8. Greek Language and Literature: Emily Gertrude Chapman. 9. History: Emily Gertrude Chapman, Mary Hoyland Livermore. 10. Latin: Florence Cornelia Davenport, Stella Millicent Tomlin, Mary Foster Volentine. 11. Mathematics: Joseph Gale Dunn, Helen Elizabeth Schradieck, Stella Millicent Tomlin. 12. Philosophy: Ruth Benson, Joseph Francis Cashman, Joseph Gale Dunn, Maureen Elder, Ethel Reid Hall, Mary Florence Starkey. 13. Physics: Mary Elizabeth Coffin.

Art School Medals

Medals of excellence in the work of the Art School during the year were awarded as follows:

FOR DRAWING FROM THE ANTIQUE. Drawing of the Bust—1st Prize, Silver Medal, Gertrude Pauline Pfarre; Honorable Mention, Edith Josephine Stearns. Drawing of the Figure—1st Prize, Gold Medal, Mary A. Latham; Honorable Mention, Elsie Elizabeth Bishop.

FOR DRAWING FROM LIFE. Drawing of the Head—1st Prize, Silver Medal, John Lapis; 1st Honorable Mention, Marguerite C. Robinson; 2d Honorable Mention, Alice M. Chew. Drawing of the Figure—1st Prize,

Gold Medal, Marie E. Uhlig; 1st Honorable Mention, Alice M. Chew; 2d Honorable Mention, John Lapis.

FOR PAINTING FROM LIFE. Painting of the Draped Figure—1st Prize, Silver Medal, Alice M. Chew; Honorable Mention, Marguerite C. Robinson. Painting of the Nude Figure—1st Prize, Gold Medal, Mary C. Carpenter; Honorable Mention, Douglas McClees.

FOR THE GREATEST IMPROVEMENT IN DRAWING DURING THE SCHOOL YEAR—Silver Medal, Edith Josephine Stearns.

The judges of award were Messrs. Allen B. Doggett, Edward N. Reser, Maurice C. Boyd.

GIFTS DURING THE YEAR 1905

1. The Senior Class Presented to the College at Commencement time a sum of money which enabled the College to spend \$270 for the benefit of the Library.

2. The Webster Memorial Library Fund now amounts to one thousand dollars, the interest of which, with other funds, is used for additions to the Library.

3. Willard S. Tuttle, A.A., '80, presented an ornamental railing and memorial plate for the desk so long used by Prof. Warren T. Webster, and now standing in the office of the Registrar, Miss Morrill.

4. The Class which was graduated from Adelphi Academy in 1888 presented to the institution on January 30, 1906, two pictures in memory of five deceased members of the class, viz.: Maude Chisholm (Mrs. Franklin Abrams), Mark Hoyt, Florence A. Searles, Alice Welles, and Laura E. Winnington. These pictures are Anderson's copies of Michael Angelo's paintings of the Delphic Sibyl and the prophet Jeremiah in the Sistine Chapel.

5. Prof. John Barnard Whittaker presented to the institution a handsome portrait (painting) of the late Mr. Hayden W. Wheeler, and the teachers of Adelphi purchased and presented a beautiful frame for the picture which now hangs in the Executive Office. Prof. Whittaker also presented crayon portraits of Messrs. W. S. Woodward and Lindell W. Saltonstall, former members of the Board of Trustees and founders of Adelphi Academy.

6. Prof. F. W. Osborn presented to the Library five volumes of the Pedagogical Seminary and two volumes of Barnes' Studies in Education.

7. The students in the classes in Political Economy during the current year contributed a sum of money which enabled the College to spend \$80 for the benefit of the Library.

REGISTER OF STUDENTS IN ADELPHI COLLEGE. 1905-1906

Graduate Students

Avery, Delia Strong, B.A. (Bryn Mawr, '00).	Jewell, Edith, B.A. (Adelphi, '04).
Coffin, Mary Elizabeth, B.S. (Adelphi, '05).	King, Katherine J., B.A. (Adelphi, '04).
Cutter, Ruth Loring, B.A. (Mount Holyoke, '03).	Phillips, Anna L., B.A. (Adelphi, '05).
Dunn, Joseph Gale, B.S. (Adelphi, '05).	Plump, Julia Howell, B.A. (Adelphi, '04).
Elmore, Mary Elizabeth, B.A. (Adelphi, '04).	Redmond, Henry Aloysius, B.A. (C. C. N. Y., '04).
Gauvran, Ethel Harned, B.A. (Adelphi, '04).	Schradieck, Helen Elizabeth, B.A. (Adelphi, '05).—13
Hodges, Kate Louise, B.A. (Adelphi, '04).	

Senior Class

Bähr, Ida May	McDonald, John Joseph
Barclay, Margaret Ethel	McDonald, Milo Francis
Brenner, Rose	Napier, Frances Ermina
Brown, Ida Poole	Nason, Harriette Stoutenburgh
Chapman, Bertha	Onken, Frederick Ludwig
Clemency, Anna Elizabeth	Parker, Florence Elise
Commiskey, Grace Ethel	Peterson, Wilhelmina Margarethe
Duffey, Florence Josephine	Potter, Marianna Simmons
Flagler, Mary Kirk	Quinlan, Grace Mary
Goldsmith, Beatrice	Roethgen, Nellie Louise
Goodwin, Emily Nichols	Rose, Emily Winifred
Haight, Neva	Schutz, Meta Elizabeth
Henry, Ida M.	Slator, Harriet Isabelle
Holden, Gertrude Elizabeth	Smithwick, Alicia Victoria
Holzmamm, Abraham	Stone, Dora Davenport
Jackson, Helen Maria	Usher, Matilda
Kelley, Mira Annie	Wall, Edith Belle
Kerby, Harriet Adelia	Welles, Marguerite Fitch
Kerrigan, Elizabeth Mary	Wentworth, Clare Louise—39
Kobelt, Martha	

Junior Class

Artmann, Florentine Emilie
Beavers, Genevieve Winifred
Bishop, Ethel Annie
Boole, Florence Alexander
Breid, Matilda Anna
Brice, Margaret Jane
Broadhurst, Grace Adele
Cantor, Blanche Gertrude
Carás, Florentina
Clark, Leila Cook
Coffin, Ivan Robert
Commiskey, M. Agnes
Davis, Jane Hendrickson
Delaney, Laurretta Irene
Delano, Grace
Fairfax, Mrs. Emma K.
Fish, Alice Reber
Fuller, Alice May
Goddard, Ruth Emily
Grant, Theresa
Halbert, Anna Evelina
Handrich, Paul Charles
Hedge, Louise June
Hoage, Norma
Hochart, Marie T.
Holler, Madeline
Hornstein, Ignus Osborne
Hoschke, Louise Margaret
Howell, Alfred Van Buren
Isenburger, Selma
Kneeland, Jessie, Sp.
Levy, May
Lopez, Blanche Eliska
Matteson, Kate Laura
McCann, Virginia Adelaide
McKeon, Mary, Sp.
Meehan, Mary

Messerle, Eva Louise
Mills, Grace Elizabeth
Natelson, Rachel
Newton, Helen Gertrude
Nichols, Ellen Elizabeth
Olsen, Carrie Harriette
Patterson, Martha Judson
Perkins, Alice
Powers, Florence May
Pritchard, Harriet Small
Read, Susan Nash
Redlefsen, Robert Gordon
Relph, Marion Florence
Rochester, Loretto Marie
Roth, Helen Elizabeth
Rowlands, Mary Jane
Sayler, Gertrude Isabel
Shiff, Eva Madeline
Shiff, Lilian Oliver
Stanton, Bessie
Starkey, Warren Lafayette
Steger, Ethel Montgomery
Stephens, Ada May
Stevens, Elaine
Sullivan, Janet
Swezey, Mabel Kathleen
Teschmacher, Helen Anna
Thorne, Beatrice Sara
Ulrich, Charlotte Arlington
Wakefield, Edna Jessie
Walker, Jennie
Walsh, Loretta Margaret
Welles, Julia Theodora
Whitlock, Lilian Isabelle
Wilcock, Lavina May, Sp.
Williams, Ida May
Williamson, Marguerite Molière—74

Sophomore Class

Adler, Milton Montague	Kavanagh, Mary Elizabeth
Anderson, Lorentious Olif	Kelly, Elizabeth Loretta
Akerly, Maud Edna	Keyes, Katharine Mary Agnes
Bunting, Mildred Brantingham	Lapidge, Alice Harriet
Butsch, Marion Agnes	Matzdorf, Jennie Marie
Cardozo, Louis Lopez	McGuire, Loretto
Carolan, Anna Benedicta	Messenger, Henrietta Searing
Cassin, Edward	Murphy, Florence Shillard
Chinnock, Florence Beatrice	O'Donoghue, Lillian Inez
Close, Mary Cecilia	Ogden, Edith
Compton, Frances Denio	Owen, Lucille Marie
Cuevas, Rosalia del Pilar	Pell, Rosalie Muriel
Dahlman, Gertrude	Schaumloeffel, John Henry
Decker, Fannie Hull	Schlivinski, Charles
Denham, Sidonie Adele	Schnurr, Edith Winifred
Dunne, Susie Frances	Searing, Beulah Catherine
Elbert, William, Jr.	Smith, Martha J.
Freeberg, Sigrid Charlotte	Stebbins, Delia A.
Geiss, Anna Marie Clare	Stewart, Evelyn Maude
Geiss, M. H. Matilda	Turner, Eva Gertrude
Glass, Ida Anna	Unger, Gertrude Newland
Gore, Lottie Bradstreet	Wagner, Elizabeth Dorothy
Graham, Margaret	Weekes, Irma Marjorie
Grouse, Irene Edythe	Wendel, Carrie Elizabeth
Hilmer, Doretta Carolina	Werrey, Edna Mary
Hubbard, Maroe	Wolferz, Meta Augusta
Ireland, Susie Mae	Wynbladh, Sigrid Victoria—55
Juhring, Mabel Isabelle	

Freshman Class

Ahern, Gertrude Edith	Cinnamond, Helen Christiana
Allaire, Ruth	Cleary, Margaret Josephine
Beckman, Katherine Cooper	Commiskey, Marjorie
Blair, Leila Elizabeth	Compton, Edith Julia, Sp.
Brayley, George Grant	Cudlipp, Marion Wyburn
Buchanan, Louise Cuyler	Downs, Josephine Anäis
Burke, James Joseph	Driscoll, Agnes W.
Callaghan, Eugenie	Duncan, Mary Ellen
Chapple, Louis Albert	Foote, John Paul
Christmas, Frances	Foster, Mary Havilah

Frost, Madeline
 Fulton, Mary Elizabeth
 Gorski, Rudolph Henry
 Griswold, Virginia Antoinette
 Guion, Bessie Rose
 Haaf, Johanna
 Hale, Ella Crittenden
 Hawthorn, Mrs. Carrie Augusta
 Howell, Ethel May
 Jaggi, Clara Jennie
 Kaufmann, Clara Sophy
 Kelly, Isabella
 Kennedy, Alicia Maude
 Kipp, Ethel Margaret
 King, Ina Sevilla
 Lindlar, William
 Littell, Geraldine
 Loughran, Alexius
 Lyons, Marie Beynon
 Marshall, Winifred Adele
 Masterson, Lillian J.
 McDonald, Beatrice Cecile
 McNamara, Elizabeth Frances

Meffle, Emma Louise
 Mettee, Mrs. Anna May
 Morison, Norma G.
 Nevins, Anna Russell, Sp.
 Powell, Mary Emma
 Quinn, Henry Arthur
 Reilly, Edna Genevieve
 Rosenberg, Nettie
 Rowell, Ella Chapin
 Schradieck, Margaret
 Stanley, Marion Elizabeth
 Stebbins, Elizabeth Douglas
 Stokes, Jessie Leighton
 Tinney, May Catherine
 Townsend, Mary Edna
 Vidler, Fannie
 Vidler, May
 Waldo, Ruth Fanshaw
 Weeks, Marion Isabel
 Wendel, Corinne Rosalys
 Wickham, Laura Florence
 Wilcox, Jessie Eloise
 Wolferz, Helen—66

Unclassified Students

Adams, Mary Louise
 Ahern, Josephine M.
 Allan, Mrs. Evelyn Wight
 Blaber, Sarah P.
 Branson, Isabella Teresa
 Brill, Emily T.
 Brown, Adelaide Wells
 Burnett, Marguerite
 Burns, Mary Frances Agnes
 Carroll, Mrs. Julia Elizabeth
 Casey, Catherine Teresa Agnes
 Cassidy, Josephine Julia
 Clark, Mary Cecelia Gertrude
 Cone, Marion Chappel
 Constantine, Frederica J.
 Curren, Irene Dolores

De Comps, Pauline L.
 Dunn, Mrs. John K.
 Eldredge, Adaline
 Ferguson, Katharine Elizabeth
 Foster, Mabel
 Fox, Bridget E.
 Francis, Georgie May
 Gartland, Margaret Cecilia Ayres
 Hagen, Bertha Anne
 Hart, Katharine Genevieve
 Haskins, Theresa H.
 Henken, Adelaide Louisa
 Humphries, George F.
 Jessup, Margaret M. A.
 Kelly, Mary Catherine
 Knapp, Florence H.

Loud, Helen Susan
 McLaughlin, Jennie T.
 Monte, Florence Lester
 Moore, Henry Clarke
 Morse, Anna Gertrude
 Osgood, Charles Rufus
 Overholser, Charles Elmore
 Palmedo, Ada Clara
 Pitt, Esther Elizabeth
 Pratt, Caroline
 Price, Marguerite R.
 Reardon, May M.
 Rendell, Harriet Elizabeth

Riis, Kathlyn A.
 Riley, Marietta
 Rush, Catherine Clare
 Salvesen, Mary
 Shapiro, Jennie
 Staude, Clara Edith
 Stevens, Mary Sydney
 Stout, Mabel
 Weygandt, Mrs. Eva M.
 Wills, Anna
 Winter, John Joseph
 Woods, Annie L.—57

NORMAL SCHOOL FOR KINDERGARTNERS

Second Year Class

Archer, Alice Evelyn
 Ashurst, Cleo Cecilia
 Aubrey, Edna Lewis
 Bassett, Matie Louise
 Behrends, Minnie Randall
 Black, Mabel Hawthorne
 Branch, Almeda L.
 Carey, Agnes Gertrude
 Caskey, Ethel Young
 Conway, Ethel Marie
 Corduke, Angela Helen
 Cornelius, Vernie Gertrude
 Crane, Mary Louise
 Cullen, Julia Wall
 Dauenhauer, Florence Barbara
 Ebeling, Johanne Marie
 Eichbauer Edith Margaret
 Frith, Mary Stewart, B.A.
 (Adelphi, '04)
 Gaffney, Beatrice Josephine
 Gauvin, Dorothy Lillian
 Haight, Neva
 Hempsey, Laura Cecilia
 Henderson, Alice Isabel

Howard, Loretta Eugenia
 Kerr, Grace Lothian
 Knickerbocker, Helen Howes
 Layton, Martha Glover Capers
 Leahy, Florence Elinor
 Mahony, Eileen Patricia
 Murphy, May Veronica
 Nichols, Margaret Foster
 Peterkin, Agnes Anna
 Richards, Mabel
 Rittenhouse, Evelyn Isabelle
 Rose, Olga Louise
 Rowe, Helen Josephine
 Sheriff, Rebecca
 Smith, Millicent Daisy
 Taber, Edna Russell
 Tate, Winifred
 Taylor, Lucy
 Taylor, Ella
 Thom, Ethel Marcia
 Tibball, Lillian Louise
 Wall, E. Bell
 Welch, Marie Louise
 Wilson, Emily Augusta—47

First Year Class

Bolger, Florence Marie	Mitchell, Emma Loretta
Boyd, Fanny Dean	O'Brien, Fanny Sophia
Cole, Carabel	O'Connor, Josephine Mary
Donahue, Elizabeth Frances	Opperman, Julia Mae
Folwell, Beatrice Louise	Pangborn, Carrie Crawford
Haggerty, Elizabeth Margaret	Powell, Grace Bellamey
Havens, Zoretta Ketcham	Randall, Marion Converse
Hayes, Florence C.	Rhoads, Grace Wells
Horton, Alma	Roberts, Eva Marie
Kobelt, Rosa	Russell, Blanche
Kennedy, Anna Virginia	Smyth, Adele Mercie
Laüb, Erva Genevieve	Southerton, Jessie Melvina
Leonard, Edith M.	Wafer, Lucy Irene
Loretz, Hortense Satterlee	Walker, Mabel Norton
McKeon, Mary Beatty	Wilcox, Laura Palmer—31
Mills, Grace Elizabeth	

THE SCHOOL OF FINE ARTS**Normal Course**

Hollister, Jessie O.	Smith, Violet E.
----------------------	------------------

Day Classes

Ablitzer, Alfred G.	Keenan, Henry C.
Anderson, Margaret	Klauber, Leda J.
Ayers, Edna M.	Koehler, Mabel M.
Bishop, Elsie E.	Koepke, Edith
Bliss, Ethel	Lapis, John B.
Bock, Jennie V.	Latham, May A.
Bon, Mary B.	Leitner, Mrs. Anna H.
Carpenter, Mary C.	Lewis, Robert H.
Carroll, Mrs. Vena	Lichtenstein, Ada
Cartledge, Edith E.	Lichtenstein, Georgianna
Chappell, Dorothy	Locke, Irene L.
Comstock, Elizabeth A.	Lockwood, Bessie
Dodge, Warrena	Maske, Grace C.
Fishplate, Elizabeth S.	Metz, Werner
Fraser, May F.	Mitchell, Nathan T. B.
Hankel, John	Murray, Hazel A.
Hazlitt, Henry S.	Nolty, Helen C.
Heilbrunn, Carrie	Nye, Pansy B.

Parker, Norma A.
 Peterson, Metta H. M.
 Pfarre, Gertrude P.
 Poole, Gertrude F.
 Prout, Alice B.
 Reale, Frank
 Robinson, Celeste Marguerite
 Rosensen, Olga L.
 Ross, Arletta May
 Schroeter, Albert
 Scribner, Marion

Shirm, Henry
 Smith, Laura G.
 Steuber, Grace A.
 Stirrup, Ethel H.
 Story, Wanda
 Suydam, Mabel
 Swan, Ruth P.
 Titus, Emma A.
 Uhlig, Marie E.
 Young, Harriet A.
 Zimmerman, Agnes P.—58

Adelphi Sketch Club

Bennett, Arthur G.
 Burlingame, Charles A.
 Carson, Alice L.
 Carson, Mrs. Eva C.
 Coady, Robert J.
 Cook, Dorothea
 Craven, May
 Dickerson, Emma
 Downs, Eunice
 Fitzmaurice, Mrs. Charles
 Freismuth, Elizabeth
 Furman, E. A.
 Garcia, Joseph, Jr.
 Gesswein, Edward W.
 Giles, Edith
 Graeve, Oscar R.
 Hobbs, Amy
 Holland, David, *President*.
 Jensen, Catherine
 Keeney, Loretta

Klingler, Eliner L.
 Krebs, Theodore
 Latham, May A.
 Leitner, Lee
 Lester, Charles
 Liebscher, Gustave
 Macoy, May D.
 Morse, Anna Gertrude
 Murley, Marie P.
 Murr, Addie B., *Secretary*.
 Olsen, Henry E., *Treasurer*.
 Rice, Helen C.
 Schmidt, Rudolph C.
 Schnell, Emil
 Schradieck, Alice M.
 Schroder, Catherine
 Schroeter, Albert
 Speth, John
 Warner, Nadine
 Whittaker, Mrs. John B.—40.

RECAPITULATION**The College**

Graduate Students	13
Senior Class	39
Junior Class	74
Sophomore Class	55
Freshman Class	66
Unclassified	57—304

Normal School for Kindergartners

Second Year Class.....	47
First Year Class	31—78

School of Fine Arts

At the beginning of the current year it was decided to discontinue all evening classes formerly maintained by this Art School excepting the Sketch Club.

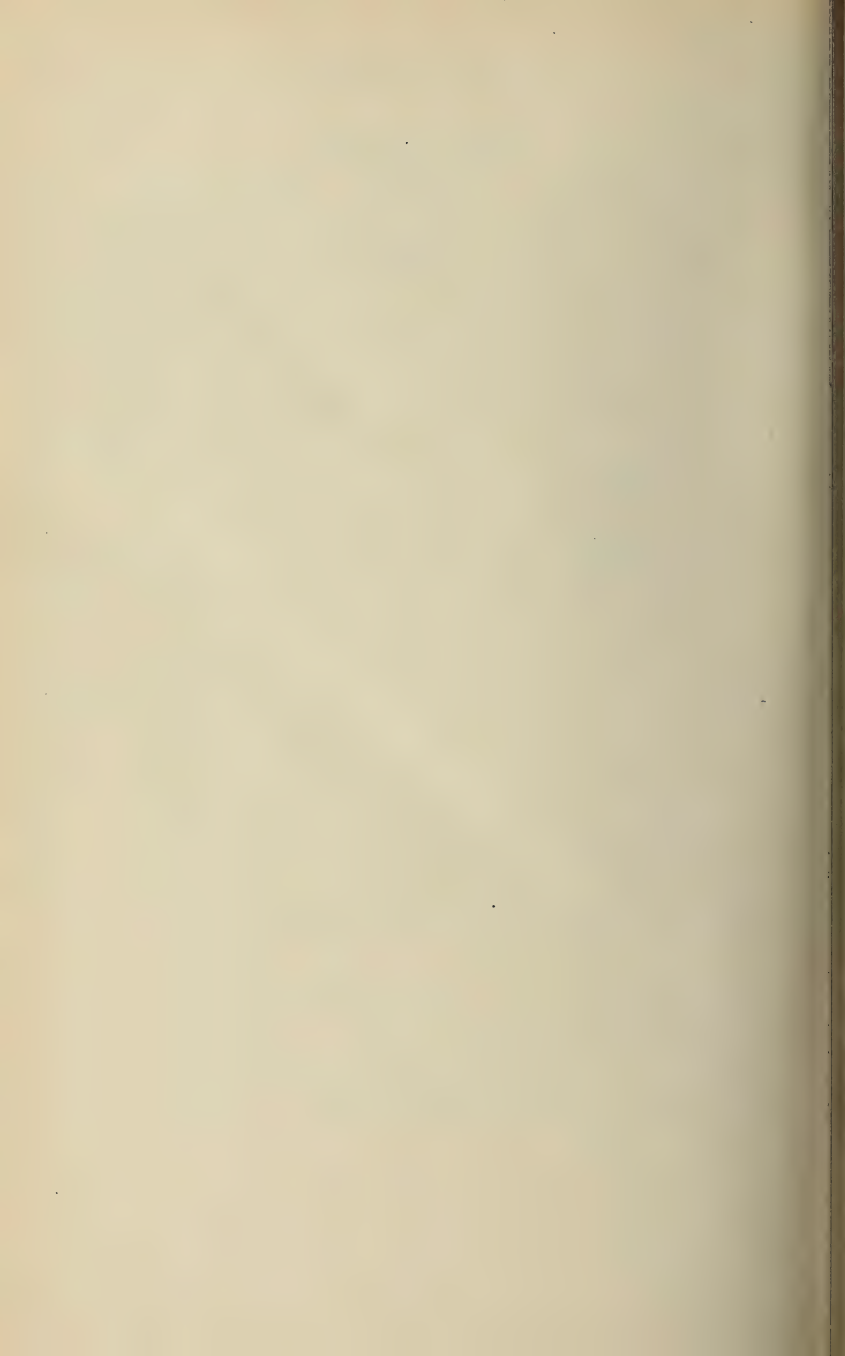
Normal Course	2
Day Classes	58
Sketch Club	40—100

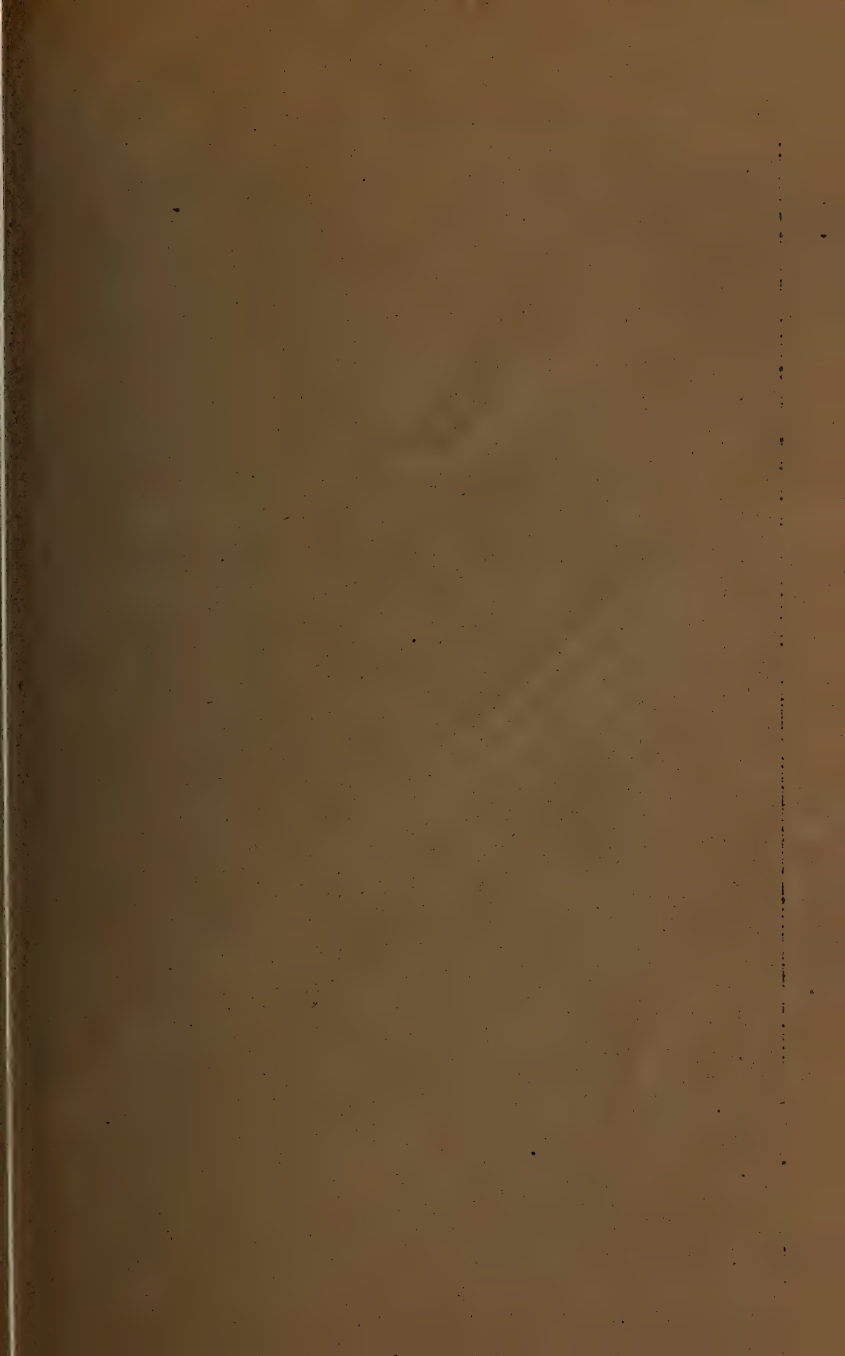
Deduct names inserted twice	5
-----------------------------------	---

Total in Adelphi College, 1906	477
--------------------------------------	-----

INDEX.

	PAGE
Administration, Officers of.....	7, 9
Admission, Terms of.....	13, 19
Alumni Association—College	61
Alumni Association—Normal School.....	54
Art School	56, 57
Barlow Medals	51
Calendar, 1906-1907	2
Car, special, to Adelphi.....	48
Certificates, Junior College.....	10
Commencement, 1905	62-66
Conspectus of Collegiate Studies.....	42, 43
Convocation, 1905 and 1906.....	61
Courses of Study in College alphabetically arranged.....	20-41
Degrees, Requirements for.....	10-13
Equipment	48-50
Examinations for Entrance.....	17, 18
Expenses	47, 48
Faculty of the College.....	7-9
Faculty of the Normal School.....	53
Gifts to Adelphi, 1905-1906.....	66
Homer, Rev. Dr. Charles W., <i>in memoriam</i>	16
Lectures	11, 52
Normal Schools for Kindergartners and Art Teachers.....	53-57
Office Hours	3
Prizes	51, 52
Scholarships.	50, 51
Students' Organizations, 1905-1906.....	58-61
Students, Register of 1905-1906.....	67-74
Teachers' Courses, Rules and Announcements.....	44-47
Trustees, Board of, Officers and Committees of.....	4, 5





Adelphi College

DEPARTMENTS AND SCHOOLS

1. LANGUAGE COURSE
Degree, B.A.

2. LITERARY COURSE
Degree, B.A.

3. SCIENTIFIC COURSE
Degree, B.S.

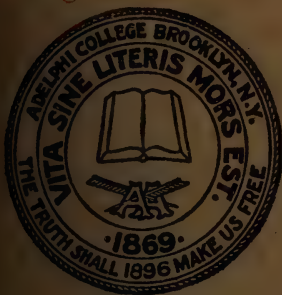
4. NORMAL SCHOOL
For Kindergartners and Art Teachers

5. ART SCHOOL

For full information concerning these five departments, consult this catalog

6. ADELPHI ACADEMY
A thorough Preparatory School. For full information concerning it, send for the Academy circular

FOR ALL CATALOGS AND CIRCULARS, ADDRESS
THE REGISTRAR
ADELPHI COLLEGE, BROOKLYN



ADELPHI COLLEGE CATALOG

1907

Adelphi College Needs

ENDOWMENT FUNDS, BOTH GENERAL AND SPECIAL IN CHARACTER, AND MONEY TO PROVIDE INCREASED ROOM in its BUILDINGS

1. An annex to its present buildings would cost \$50,000.
2. There is at present no special endowment for any professorial chair in the College Faculty. A gift of from \$50,000 to \$100,000 would endow such a chair and might constitute a memorial to the donor.
3. A gift of \$4,000 would establish a free scholarship in perpetuity for the benefit of needy and deserving students. There is need for a large number of such scholarships.
4. A general endowment fund is needed to provide for the acquisition of a suitable campus, with buildings and equipment, such as a young and growing college will need in the near future; say \$1,000,000.
5. The present College building contains the foundations of an astronomical observatory. The observatory could be completed and a suitable telescope procured by an expenditure of about \$10,000.
6. The Library has an endowment fund amounting to a little more than \$1,000. It should be \$100,000.

Form of a Bequest of Money

I give and bequeath to Adelphi College, in Brooklyn, for its corporate purposes the sum of.....dollars, to be paid to the said corporation by my executors.

Form of a Bequest of Real Estate

I give and devise to Adelphi College, in Brooklyn, for its corporate purposes all (here describe lands or property devised).

CLINTON L. ROSSITER, Treasurer

44 Court Street, Brooklyn

June 20, 1907

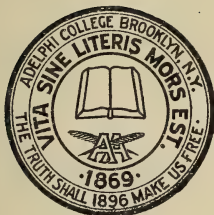
UNIVERSITY OF ILLINOIS
PRESIDENT'S OFFICE,
POSTOFFICES:
CHAMPAIGN
AND URBANA.



CATALOG

ADELPHI COLLEGE

1907



LAFAYETTE AVENUE
ST. JAMES PLACE AND CLIFTON PLACE
BROOKLYN - NEW YORK

PUBLISHED FOR THE COLLEGE

1907

234
1405-06
ADELPHI COLLEGE

CALENDAR

1907-1908

CommencementThursday, June 13, 1907.

High School Scholarship examinations....June 4, 5, 6, 1907, and January
23, 24, 25, 1908.

Entrance examinations held at Adelphi

College under the auspices of the College

Entrance Examination BoardMonday, June 17, to Saturday,
June 22, 1907.

For terms, address: Sec. of Coll. Entr. Exam. Board.

Sub-Station 84, New York City.

First Semester beginsWednesday, September 18,
1907.

Entrance Examinations at the College....September 18-20, 1907, and
January 23-25, 1908.

Condition Examinations9-12 A. M., Friday, September
20, 1907, and Saturday, Jan-
uary 25, 1908.

Recitations beginMonday, September 23, 1907.

Sessions are omitted on Election Day, Thanksgiving Day and
the following day.

Second Semester beginsJanuary 29, 1908.

Christmas Recess, 1907-08—December 21, 1907, to January 1, 1908, inclu-
sive. Exercises close at the end of the afternoon session, Friday,
December 20, 1907. Exercises are resumed Thursday morning, Jan-
uary 2, 1908.

Mid-Year ConvocationJanuary 31, 1908.

Sessions are omitted on Lincoln's Birthday and Washington's
Birthday.

Spring Recess, 1908—April 17, 1908, to April 26, 1908, inclusive.

Exercises close at the end of the afternoon session, Thursday, April 16,
1908. Exercises are resumed Monday morning, April 27, 1908.

Sessions are omitted on Decoration Day.

CommencementThursday, June 11, 1908.

OFFICE HOURS

(Except on holidays and during the usual recesses of the college year.)

The President, daily, after September 14, 9.15 to 10.30 A. M.

The Bursar, session days, on and after September 11, 9 A. M. to 12 M.; 2 P. M. to 4 P. M.

The Dean of the college women, in Room 51, session days, morning hours until 1 o'clock.

The Dean of the college men in Room 70, at 3 P. M., session days, or Tuesdays, 3 P. M. to 4 P. M.

Superintendent of the Normal course, Room 2, Mondays, 4 to 5 P. M., and Fridays, 1.30 to 2.30 P. M.

The Secretary of the Faculty, Tuesdays, 2.40 to 4 P. M., and Saturday mornings from 9 to 10, in the Registrar's office.

Directors of Physical Education: Dr. Pettit, every morning, except Saturday, 8.30 to 9.15; Thursdays and Fridays, 2 to 3 P. M.; Miss Flagler, Mondays and Wednesdays, 11 A. M. to 12 M.

The Art School is open to visitors for inspection on Wednesday mornings.

The Library is open session days, 8.30 A. M. to 5 P. M.

The Gymnasium is open session days, 9 A. M. to 5 P. M.; Saturdays, at the pleasure of the Director, 9 A. M. to 12 M.

The Registrar's office, Clifton Place entrance, is open daily from 8.30 A. M. to 12 M., from the first of September until the Monday before the beginning of the first semester. On and after that Monday, the office is open daily from 8.30 A. M. to 12 M., and on session days from 2 P. M. to 4 P. M.

For catalogs and other information address "The Registrar, Adelphi College, Brooklyn."

BOARD OF TRUSTEES

Names, except that of the President, in order of seniority.

TIMOTHY L. WOODRUFF, <i>President</i>	94	Eighth Avenue.
ROBERT D. BENEDICT.....	363	Adelphi Street.
CHARLES H. LEVERMORE.....	30	St. James Place.
ANNIE G. TRUSLOW (Mrs. F. C. Truslow) ..	61	So. Portland Ave.
AMELIA B. HOLLENBACK (Mrs. J. W. Hollenback),		
	460	Washington Avenue.
JOHN N. BEACH.....	178	So. Oxford Street.
JOHN C. KELLEY.....	247	Hancock Street.
CLINTON L. ROSSITER.....	48	Montgomery Place.
MATTHEW HINMAN	480	Vanderbilt Avenue
HENRY U. PALMER.....	216	Clinton Avenue.
MARY E. BUTTERICK	406	Franklin Avenue.
DAVID H. VALENTINE.....	188	Hancock Street.
FREDERICK E. CRANE, <i>Vice-President</i>	854	Prospect Place.
REV. S. PARKES CADMAN, D.D.....	2	Spencer Place.
L. ROWLEY PHILLIPS.....	191	Gates Avenue.
HERBERT K. TWITCHELL.....	153	So. Oxford Street.
CHARLES J. McDERMOTT, <i>Secretary</i>	270	Hicks Street.
LUDWIG NISSEN.....	1397	Dean Street.
WILLARD H. WHEELER.....	274	Washington Avenue
LLEWELLYN A. WRAY.....	1165	Dean Street.
FRANK FREEMAN.....	213	Washington Avenue
J. EDWARD SWANSTROM.....	77	Halsey Street.
HERMAN A. METZ	253	Clinton Avenue.

OFFICERS AND COMMITTEES

TIMOTHY L. WOODRUFF.....*President.*

FREDERICK E. CRANE.....*Vice-President.*

CLINTON L. ROSSITER.....*Treasurer.*

CHARLES J. McDERMOTT.....*Secretary.*

Executive Committee: TIMOTHY L. WOODRUFF, ROBERT D. BENEDICT, CLINTON L. ROSSITER, FREDERICK E. CRANE, HERBERT K. TWITCHELL, CHARLES H. LEVERMORE, HENRY U. PALMER, JOHN N. BEACH, CHARLES J. McDERMOTT.

Finance Committee: HERBERT K. TWITCHELL, L. ROWLEY PHILLIPS, JOHN C. KELLEY, LUDWIG NISSEN, WILLARD H. WHEELER, J. EDWARD SWANSTROM, HERMAN A. METZ.

Committee on Instruction: CHARLES H. LEVERMORE, ANNIE G. TRUSLOW, MARY E. BUTTERICK, FREDERICK E. CRANE, LLEWELLYN A. WRAY.

Committee on Buildings and Grounds: HENRY U. PALMER, AMELIA B. HOLLENBACK, DAVID H. VALENTINE, JOHN N. BEACH, CHARLES J. McDERMOTT, FRANK FREEMAN.

Art School Committee: MATTHEW HINMAN, MARY E. BUTTERICK, AMELIA B. HOLLENBACK, JOHN C. KELLEY, S. PARKES CADMAN.

OFFICERS OF INSTRUCTION AND GOVERNMENT

EXECUTIVE OFFICERS

CHARLES HERBERT LEVERMORE, Ph.D., President of the College.

WILLIAM CLARK PECKHAM, M.A., Dean of College Men.

ALICE BLYTHE TUCKER, M.A., Dean of College Women.

ADELBERT GRANT FRADENBURGH, Ph.D.,

Secretary of the College Faculty.

JOHN BARNARD WHITTAKER, Superintendent of the Art School.

ANNA E. HARVEY, Superintendent of the Normal School.

FACULTY OF THE COLLEGE

(NAMES OF THE FACULTY, EXCEPT THAT OF THE PRESIDENT, STAND IN ORDER OF APPOINTMENT TO PROFESSORSHIPS OR ASSISTANT-PROFESSORSHIPS.)

CHARLES HERBERT LEVERMORE, B.A. (Yale, '79),

Ph.D. (Johns Hopkins, '86), President.

FREDERICK WEBSTER OSBORN, B.A., M.A. (Yale, '55, '58),

Professor of Psychology and Philosophy.

Absent on leave, 1906-1907.

WILLIAM CLARK PECKHAM, B.A., M.A. (Amherst, '67, '70),

Professor of Physics.

WILLIAM WALDEMAR SHARE, Ph.B., Ph.D. (Columbia, '81, '84),

Professor of Chemistry and Geology.

HENRY STOUT PETTIT, M.D. (L. I. College Hospital, '90),

Director of the Gymnasium and Professor of Physical Education.

WILLIAM CRANSTON LAWTON, B.A. (Harvard, '73),

Professor of the Greek Language and Literature.

ELIZABETH VENABLE GAINES, B.A. (Adelphi, '98),

M.A. (Columbia, '04), Professor of Biology.

JOHN A. SANFORD, B. A. (Brown, '82), Ph.D. (Univ. of Minn., '94),

Professor of the Latin Language and Literature.

FACULTY OF THE COLLEGE—Continued

- JOSEPH BOWDEN, B.A., Ph.D. (Yale, '91, '97),
Professor of Mathematics.
- JOHN HYATT BREWER, Fellow of American Guild of Organists, 1902,
Professor of Music.
- ADELBERT GRANT FRADENBURGH, B.A. (Allegh. Coll., '90),
Ph.D. (Univ. Wis., '94), Professor of History and Politics.
- ERNEST NORTON HENDERSON, B.A., M.A. (Univ. of Cal., '93, '94),
Ph.D. (Columbia, '03), Professor of Education and Psychology.
- JOHN FIRMAN COAR (Kaiser Wilhelm Gymn., Koeln, '84),
M.A., Ph.D. (Harvard, '97, '00),
Professor of the Germanic Languages and Literatures.
- WILLIAM ALEXANDER ROBB KERR, B.A., M.A. (Toronto, '99, '01),
M.A., Ph.D. (Harvard, '02, '04), Professor of the Romance Languages
and Literatures.
- EDWIN A. GREENLAW, B.A., M.A. (Northwestern, '97, '98),
M.A., Ph.D. (Harvard, '03, '04),
Professor of the English Language and Literature.
- WILLIAM PHELPS MACFARLANE,
Assistant Professor of Oratory and Elocution.
- ALICE BLYTHE TUCKER, B.A., M.A. (Toronto, '96, '00),
Assistant Professor of the English Language and Literature.
- ANNIE MARION MACLEAN, B.A., M.A. (Acadia Coll., '93, '94),
Ph.M., Ph.D. (Chicago, '97, '00),
Assistant Professor of Sociology and History.

INSTRUCTORS

- A. BEATRICE BEARD, Instructor in French.
- LOUISE BOTH-HENDRIKSEN, Instructor in the History of Art.
- WILLIS BOUGHTON, B.A. (Michigan, '81), M.A. (Dickinson, '91),
Ph.D. (Ohio Univ., '00), Instructor in Literature in Teachers Course
Classes.
- EDWIN CORNELIUS BROOME, B.A., M.A., (Brown, '97, '98), Ph.D.,
(Columbia, '02), Instructor in Educational Psychology.
- FRANCES H. FLAGLER, Instructor in Physical Education.
- L. LELAND LOCKE, B.A., M.A. (Grove City Coll., '96, '00),
Instructor in Mathematics.
- J. HERBERT LOW, B.A., M.A. (Amherst, '90, '95),
Instructor in History in Teachers Course Classes.

INSTRUCTORS—Continued

- ELIZA MARIA MOSHER, M.D. (Michigan, '75),
Lecturer upon Hygiene.
- EMBERSON EDWARD PROPER, B.A. (Allegheny, '89), M.A. (Harvard, '82), Instructor in History in Teachers Course Classes.
- HELEN ELIZABETH SCHRADIECK, B.A. (Adelphi, '05),
Instructor in German.
- SARAH ELIZABETH SCOTT, M.A. (Adelphi, '98),
Instructor in Pedagogics.
- EDWIN PLATT TANNER, B.A., M.A. (Columbia, '97, '98),
Instructor in History.
- WILLIAM ARMOUR THAYER, Instructor in Music.
- LOUISE LÉONIE VIMONT,
Instructor in French in Teachers Course Classes.
- RAY HUGHES WHITBECK, B.A. (Cornell, '01),
Lecturer in Teachers Course Classes upon Methods and Principles in teaching Geography.
- MESSRS. FREDERICK E. CRANE, ERNEST H. PILSBURY and
LLEWELLYN A. WRAY,
Lecturers upon Law.

ADMINISTRATIVE OFFICERS AND ASSISTANTS

- CHARLOTTE MORRILL, M.A. (Adelphi, '04).....Registrar
- MABEL FARRLibrarian
- EMILY BURNS MITCHELL.....Bursar
- ALICE CASAMAJOR, B. A. (Adelphi, '99).....Secretary
- JOHN G. EWING.....Superintendent of Buildings
- ANNA CADLE OAKMAN.....Assistant Bursar
- VIOLA DAVIS Assistant

STANDING COMMITTEES OF THE FACULTY

1. *Admissions and Advanced Standing*: The President and the Secretary. 2. *Courses of Study*: Each divisional group of instructors. Chairmen of Divisions: History and Philosophy, Dr. A. G. Fradenburgh; Languages and Literatures, Dr. John F. Coar; Sciences and Mathematics, Prof. Wm. C. Peckham. 3. *Examinations*: Dr. Bowden, Dean Tucker. 4. *Teachers Courses and the Summer Session*: Dr. Henderson, Dr. Fradenburgh, Dr. Greenlaw. 5. *Petitions*: Dean Tucker, Prof. Peckham, Dr. Kerr, Miss Gaines. 6. *Commencement and Convocation*: Prof. Peckham, Dr. Sanford, Dr. MacLean. 7. *Graduate Students*: Dr. Coar, Dr. Share, Prof. Lawton. 8. *Athletics*: Dr. Pettit, Dean Tucker, Mr. Tanner, Miss Flagler. 9. *Permanent Schedule*: Dean Tucker, Prof. Peckham, Dr. Share, Dr. Bowden.

Adelphi College Alumni Association

Organized January 19, 1901. Officers: Dorothy E. Tuthill, '04, President; Emily C. Seaman, '99, Vice-President; E. Jessie Ogg, '00, 104 So. Elliott Place, Corresponding Secretary; Mrs. A. Frank Stafford, '03, Recording Secretary; Alice Casamajor, '99, Treasurer. Executive Committee: In addition to the foregoing officers, Mrs. Lucy T. Lewis, '99, Mrs. Alvan S. Brown, '02, Miss Josephine Kelley, '04.

ADELPHI COLLEGE

COURSES AND DEGREES

Adelphi College was incorporated by the Regents of the University of the State of New York, at Albany, Wednesday, June 24, 1896. The degrees issued by Adelphi bear the seals of both the University and the College, and are signed by the Chancellor of the Board of Regents and the State Commissioner of Education, as well as by the officers of the College.

The Freshman and Sophomore classes form the Junior College. The Senior College includes the Junior and Senior classes. The courses of study are so arranged that students who are qualified may begin college work either in September or in February.

All the studies in the College curriculum have been arranged in three divisions, and each student, after admission to College, designates one of the divisions as a Major group of studies, and another as an Intermediate group; the remaining division must be the Minor group.

Candidates for the degree of Bachelor of Arts, which is the only baccalaureate degree now offered by Adelphi College, must satisfy the requirements of three such groups, each of which obviously must belong to a different division.

The semestral study is made the unit of computation. Each semestral study, unless otherwise provided, will have three weekly recitations and will be entitled to a credit of three points. Unless otherwise provided, a semestral study having less than three weekly recitations will be entitled to a credit of as many points as it has weekly recitations. All students in regular standing must take studies entitling them to 15 points of credit in each semester.

The three divisions in which the different departments of instruction now represented in the Faculty are grouped are described as follows:

1. The Division of History and Philosophy, comprising the departments of Economics, Education, Fine Arts, History, Philosophy, Politics, Psychology and Sociology.

2. The Division of Languages and Literatures, comprising the departments of Elocution, English, German, Greek, Latin and Romance Languages (French, Italian, Spanish).

3. The Division of Mathematics and Sciences, comprising the departments of Astronomy, Biology, Chemistry, Geology, Mathematics, Mineralogy, Music, Physics.

Each candidate for the Bachelor's degree must complete work for at least 54 points from the studies in a division chosen as Major, for at least 24 points from the studies in another division chosen as Intermediate, and for at least 12 points from the studies in the remaining division, which will be the Minor. Credit for 30 points must also be obtained for studies chosen as free options from among any of the divisions. In meeting these requirements no student in the Junior College will be allowed to take in one semester in one division studies amounting to more than 9 points of credit. Also, in satisfying the requirements of the various divisions no student may offer more than 24 points from one department in any Major division.

Students who have in compliance with these regulations obtained a total credit of 60 points are eligible to receive the Junior College certificate and to be admitted to the Senior College, and those who have in like manner obtained a credit of 120 points are candidates for the degree of Bachelor of Arts.

The point values of the necessary sequences in the various divisions may be summarized as follows:

DIVISION OF HISTORY AND PHILOSOPHY. 1. *As a Major Group.* In department of History, 21 points. In departments of Economics and Sociology, 12 points. In departments of Psychology and Philosophy, 12 points. In any departments of the Division, 9 points. Total, 54 points.

2. *As an Intermediate Group.* In departments of History, Economics and Sociology, 15 points. In departments of Psychology and Philosophy, 9 points. Total, 24 points.

3. *As a Minor Group.* In department of History, 6 points. In departments of Psychology and Philosophy, 6 points. Total, 12 points.

DIVISION OF LANGUAGES AND LITERATURES. 1. *As a Major Group.* In one department of the Division, 24 points. In a second department, 18 points. In a third department, 12 points. (The department of English must be one of the departments chosen and 6 points in English must be in English Composition, Courses 1 and 2.) Total, 54 points.

2. *As an Intermediate Group.* In department of English (6 points in English Composition, Courses 1 and 2), 12 points. In second department of the Division, 12 points. Total, 24 points.

3. *As a Minor Group.* In department of English (6 points in English Composition, Courses 1 and 2), 6 points. In a second department of the Division, 6 points. Total, 12 points.

DIVISION OF MATHEMATICS AND SCIENCES. 1. *As a Major Group.* In department of Mathematics, 12 points. In departments of Sciences, 12 points. Optional, subject to rule against offering more than 24 points from one department, 30 points. Total, 54 points.

2. *As an Intermediate Group.* In department of Mathematics, 6 points. In departments of Sciences, 12 points. In any departments of the Division, 6 points. Total, 24 points.

3. *As a Minor Group.* In departments of Sciences, 6 points. In any department of the Division, 6 points. Total, 12 points.

Students will ordinarily not be permitted to take more studies in one semester than would entitle them to receive credit for 15 points, unless their record in the immediately preceding semester shows the grade of "A" in at least 9 points, and the grade "B" in all other points. Under no condition whatsoever shall a student be permitted to take studies in one semester which carry a total of more than 18 points.

The former requirement of two hours a week in the department of Physical Education throughout the four semesters of the Junior College remains unchanged. Candidates for graduation must also attend the various courses of lectures that have been or may be authorized, even though such courses receive no value in points.

The course of study may be completed either in January or in June, but the conferring of degrees will usually occur at the June Commencement. All courses in Adelphi College are open to students without any restrictions concerning sex.

Among the various lectures offered at the College during each year three courses are especially important as a part of the required work. In the Freshman year all women students are required to attend a course of lectures upon Hygiene and another course of lectures upon Social Duties. All students in the Junior Class are required to attend during the second semester a course of lectures on Law.

To students who intend to become teachers, the college courses offer especial advantages in the pedagogical options, which permit a student to present studies preparatory for teaching, as a part of the work leading to a degree. Students who complete satisfactorily these pedagogical studies and win the Bachelor's degree can gain admission directly to the city examinations for licenses to teach in the public schools, and are also eligible to receive the College Graduate Professional Certificate from the State Education Department at Albany.

STUDENT SELF-GOVERNMENT

Each undergraduate in Adelphi College is a member of a student self-government association. There are three such associations, one for college women, one for college men, and one for students in the Normal courses. Each association has its own room and its own constitution and by-laws, which have received the approval of the Faculty. Its officers are elected by the members. It is the duty of the officers to enforce the rules of the association concerning attendance, deportment, the maintenance of the honor system and of a high standard of public opinion among the students. These associations manage the major part of the discipline of the institution. The honor system in recitation and examination has become fixed in the traditions of the College and is well sustained by student sentiment. The educational value of these associations is of course no more important than their ethical value.

COURSES FOR TEACHERS AND SUMMER SESSION

From its beginning Adelphi College has maintained classes that meet in the late afternoon, the evening, or on Saturday mornings, for the especial benefit of teachers and other mature and qualified persons who may wish to study toward a degree without surrendering their positions in the schools or in other occupations. In these courses all the work of the College curriculum that is necessary in order to obtain a degree may be obtained in regular College classes within a reasonable limit of time.

These courses for teachers will not only count toward a degree, but may also help the students to meet the requirements for higher licenses.

In the summer of 1907 Adelphi College will for the first time offer a Summer Session of six weeks, beginning Monday, July 8.

For complete information concerning the Teachers Courses and the classes that will be offered in the Summer Session send for circulars to the "Secretary of the Faculty, Adelphi College, Brooklyn."

REQUIREMENTS FOR THE DEGREE OF MASTER OF ARTS

A candidate for the degree of Master of Arts must be a graduate of Adelphi College or of some approved degree-granting institution.

On or before the last Wednesday in September the applicant must submit to the Secretary of the Faculty an official record of previous studies, which record, in the case of an applicant not graduated from Adelphi College, shall be approved by the Faculty before the applicant is admitted to courses for the degree of Master of Arts.

The ordinary requirement for the degree of Master of Arts consists of a full year of residence-study approved by the Faculty as affording suitable preparation for the degree, and completed with high credit.

The applicant shall submit on or before the last Wednesday of September, to the Secretary of the Faculty, for approval by the Faculty, a program of the studies which the applicant wishes to take. The program of study must form a consistent plan of work, but need not lie wholly in *one* department or field. It must not include studies or courses which (or the equivalent of which) have formed part of the candidate's undergraduate work and have been counted toward the degree of Bachelor of Arts or Bachelor of Science. The program should ordinarily consist of at least *three* courses of instruction of advanced grade pursued for two semesters each or of the equivalent of three such courses, and of special work carried on with the approval of the department or departments in whose field the special work is done and under the direction of one of its instructors. These courses should involve at least the equivalent of twelve hours of class-room work. The results of this special study must be embodied in a thesis satisfactory to a Committee of the Faculty, which thesis shall be submitted not later than May 1st, to the Secretary of the Faculty, for approval by the Faculty.

Candidates will receive a final written examination upon all work.

The studies that may be offered as courses for the degree, subject to the foregoing regulations, are as follows:

Biology—101, 102, 103, 104; Chemistry—101, 102, 103, 104, 105, 106; Economics—103, 104; Education—101, 106, 107, 108, 110; English—103, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115; French—3, 4, 101, 102, 103, 104, 105, 106; Geology—101, 102; German—101, 102, 103, 104, 105, 106, 111, 112, 113, 114; Greek—101, 102, 103, 104, 106; History and Polit.—101, 102, 103, 104, 105, 106, 107, 108, 109; Latin—3, 4, 101, 102, 103, 104; Mathematics—21, 101, 102, 103, 104, 106, 107, 108, 109, 110; Mineralogy—101, 102, 103; Music—101, 102; Philosophy—101, 102; Physics—103, 104, 105, 106; Psychology—107; Sociology—101, 102, 103, 104, 105, 107.

Any one of these courses will ordinarily be given if so many as five students apply for it. As a general rule courses involving advanced work in any department and not included in the foregoing list can be given if called for by not less than ten students.

ADMISSION TO ADVANCED STANDING

Candidates for admission to advanced standing will be required to pass satisfactory examinations upon the work already accomplished by the class to which they wish to be assigned.

The Faculty will accept properly authenticated certificates of work done in other colleges of good standing, but no student who enters Adelphi College upon such credentials may be graduated from Adelphi College unless a credit of at least 30 points has been obtained for courses taken while in residence at Adelphi College.

Students applying for admission to College who are graduates of a Normal or Training School for teachers in the State of New York, maintaining a two years' training course and under the supervision of the State Commissioner of Education or of the New York City Superintendent of Public Instruction, and who are also graduates from a four years' course in a recognized High School or its equivalent, may receive a credit of 34 points. Similar graduates from the one year course in the Brooklyn City Training School prior to the year 1904 may receive a credit of 18 points.

Normal and Training School graduates who have had less than a four years' course in a High School must satisfactorily make up all deficiencies in their record for secondary school work before receiving credit toward a degree for their Normal course.

Students of mature age, not candidates for a degree, may be admitted to courses of study, which they are competent to pursue, upon presentation of satisfactory evidence of proficiency.

CONDITION EXAMINATIONS for students who have to make up deficiencies in any department are held on the Friday in September preceding the beginning of recitations and on the Saturday in January preceding the beginning of the second semester.

REQUIREMENTS FOR ADMISSION TO THE FRESHMAN CLASS

Candidates for admission to Adelphi College may present themselves in September, January or June.

The relative value of each subject offered for admission is stated in UNITS as follows:

<i>English</i>	a) Reading and Practice	}	3
	b) Study and Practice		
<i>French</i>	a) Elementary	(2) }	3
	b) Intermediate	(1) }	
<i>German</i>	a) Elementary	(2) }	3
	b) Intermediate	(1) }	
<i>Greek</i>	a) Grammar	}	3
	b) Xenophon, Anabasis I-IV		
	c) Homer, Iliad I-III		
	f-h) Prose Comp. & Sight Read.		
<i>History</i>	a) Ancient	(1)	4
	b) Medieval and Modern	(1)	
	c) English	(1)	
	d) American and Civics	(1)	
<i>Latin</i>	a) Grammar	}	4
	b) Cæsar, Gall. War I-IV		
	c) Cicero, 7 Orations (Manilian as 2)		
	d) Vergil, Aeneid I-VI		
	i-q) Prose Comp. & Sight Read.		
<i>Mathematics</i>	a) El. Algebra	} (3)	4½
	b) Pl. Geometry		
	c) Adv. Algebra	(½)	
	d) Solid Geometry	(½)	
	e) Pl. and Sph. Trig.	(½)	
<i>Sciences</i>	Chemistry		1
	Physics		1
<i>Spanish</i>	Elementary		2

Applicants for admission to College by certificate must be graduates of a high school or academy, approved by Adelphi College. They must have completed a four years' course, must be recommended for admission to College by the Principal of the school from which they are graduated, and the subjects studied must include: three (3) units in English, three (3) units in Mathematics, one (1) unit in History, four (4) units in Latin or three (3) units in Greek, French, or German, and in addition,

a sufficient number of subjects chosen from the foregoing list to make a total of fifteen units. No applicant can offer more than two languages, other than English, in satisfaction of these requirements.

The Registrar of the College will furnish to the Principal of the preparatory school blank forms of the certificate to be used. All such certificates should be certified to and signed by the Principal of the school, or by responsible instructors in said school. The certificate should state explicitly under each subject of study the text-books used, the extent of the work done, the time devoted to it, with dates, and the amount of laboratory work, if any, performed. For subjects in Science the certificates must be accompanied by laboratory note-books.

Applicants for admission to College who are not graduates of accredited schools, must be sixteen years of age, and must be able to pass satisfactory examinations in subjects amounting to at least sixteen (16) units. Of these three (3) must be in English, three (3) in Mathematics, one (1) in History, and either four (4) in Latin or three (3) in Greek, French, or German. No applicant can offer more than two languages other than English in satisfaction of these requirements.

EXAMINATIONS FOR ADMISSION

In June the entrance examinations of Adelphi College are the examinations of the College Entrance Board, of which Adelphi College is a member. These examinations will be held June 17-23, 1907, in the large study room on the second floor of the College Building (Clifton Place entrance).

All applications for examination must be addressed to the Secretary of the College Entrance Examination Board, Post-Office Sub-Station 84, New York, N. Y., and must be made upon a blank form to be obtained from the Secretary of the Board upon application. Applications for examination at points in the United States east of the Mississippi River, also at Minneapolis, St. Louis, and other points on the Mississippi River, must be received by the Secretary of the Board on or before Monday, June 3, 1907; applications for examination elsewhere in the United States or in Canada must be received on or before Tuesday, May 7, 1907; and applications for examination outside the United States and Canada must be received on or before Friday, May 3, 1907. Applications received later than the dates named will be accepted when it is possible to arrange for the examinations of the candidates concerned, but only upon the payment of \$5.00 in addition to the usual examination fee.

The examination fee is \$5.00 for all candidates examined at points in the United States and Canada and \$15.00 for all candidates examined

outside of the United States and Canada. The fee (which cannot be accepted in advance of the application) should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

Competitive examinations for the Brooklyn High School Scholarships in Adelphi College are held at the College on Tuesday, Wednesday and Thursday in the week before Commencement, and on the Thursday, Friday, and Saturday in the week before Convocation. In 1907 these examinations fall upon June 4, 5, and 6, and in 1908, upon January 23, 24, and 25.

Entrance examinations in September will be held at the College on Wednesday, Thursday and Friday, September 18-20, beginning at 9 A. M. Applications for admission to these examinations should be sent to THE SECRETARY OF THE FACULTY, Adelphi College, on or before Monday, September 11th.

Entrance examinations in January for admission at the beginning of the second semester will be held on Thursday, Friday and Saturday, January 23-25, 1907. Applications for admission to these examinations should be sent to the Secretary on or before Monday, January 20.

ORDER OF ENTRANCE EXAMINATIONS

September 18, 19, 20, 1907, and January 23, 24, 25, 1908.

FIRST DAY

Cæsar and Cicero.....	9.00—10.30
English History	10.30—12.00
Chemistry	10.30—12.00
Anabasis	10.30—12.00
Vergil and Sight Reading.....	1.00— 3.00
German	3.00— 4.30

SECOND DAY.

English	9.00—10.30
Iliad and Sight Reading.....	10.30—12.00
Physics	10.30—12.00
Algebra	1.00— 3.00
United States History	3.00— 4.30

THIRD DAY.

Geometry	9.00—11.00
Solid Geometry	11.00—12.00
French	1.00— 2.30
College Algebra	2.30— 4.30
Ancient History	2.30— 4.00

DEFINITIONS OF REQUIREMENTS FOR ADMISSION

The question-papers set by the College Entrance Examination Board are published annually in book form by Ginn & Co., Boston, Mass. For a more detailed statement of the requirements the reader is referred to the pamphlet containing definitions of requirements in each subject, which is published by the College Entrance Examination Board and may be obtained from its Secretary, Post-Office Sub-Station 84, New York, N. Y.

I. ENGLISH.

The requirement in English is that recommended by the Conference on Uniform Entrance Requirements in English.

NOTE.—No candidate will be accepted in English whose work is notably defective in point of spelling, punctuation, idiom, or division into paragraphs.

a. *Reading.* The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—given in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. **In every case knowledge of the book will be regarded as less important than the ability to write good English.** In preparation for this part of the examination, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

Candidates should read the books prescribed for the year in which they propose to present themselves for this part of the examination.

In 1907 and 1908 the books prescribed for this part of the examination will be as follows:

Shakspeare's *The Merchant of Venice* and *Macbeth*; *The Sir Roger Coverley Papers* in *The Spectator*; Irving's *Life of Goldsmith*; Colledge's *The Ancient Mariner*; Scott's *Ivanhoe* and *The Lady of the Lake*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Massey*.

In 1909, 1910, and 1911, ten books, selected as prescribed below from the following list, are to be offered for examination:

GROUP I (two to be selected). Shakspeare's *As You Like It*, *Henry V*, *Julius Caesar*, *The Merchant of Venice*, *Twelfth Night*.

GROUP 2 (one to be selected). Bacon's *Essays*; Bunyan's *The Pilgrim's Progress, Part I*; Franklin's *Autobiography*; *The Sir Roger de Coverley Papers* in *The Spectator*.

GROUP 3 (one to be selected). Chaucer's *Prologue*; Goldsmith's *The Deserted Village*; Palgrave's *Golden Treasury (First Series)*, Books II and III, with especial attention to Dryden, Collins, Gray, Cowper and Burns; Pope's *The Rape of the Lock*; Selections from Spenser's *Faerie Queene*.

GROUP 4 (two to be selected). Blackmore's *Lorna Doone*; Dickens's *A Tale of Two Cities*; George Eliot's *Silas Marner*; Mrs. Gaskell's *Cranford*; Goldsmith's *The Vicar of Wakefield*; Hawthorne's *The House of Seven Gables*; Scott's *Ivanhoe* and *Quentin Durward*; Thackeray's *Henry Esmond*.

GROUP 5 (two to be selected). Carlyle's *Heroes and Hero Worship*; De Quincey's *Joan of Arc* and *The English Mail Coach*; Emerson's *Essays (Selected)*; Irving's *Sketch Book*; Lamb's *Essays of Elia*; Ruskin's *Sesame and Lilies*.

GROUP 6 (two to be selected). Coleridge's *The Ancient Mariner*, Scott's *The Lady of the Lake*, Byron's *Mazeppa* and *The Prisoner of Chillon*, Palgrave's *Golden Treasury (First Series)*, Book IV, with especial attention to Wordsworth, Keats and Shelley; Macaulay's *Lays of Ancient Rome*, Poe's *Poems*, Lowell's *The Vision of Sir Launfal*, Arnold's *Sohrab and Rustum*, Longfellow's *The Courtship of Miles Standish*, Tennyson's *Gareth and Lynette*, *Launcelot and Elaine* and *The Passing of Arthur*; Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Evelyn Hope*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *The Boy and the Angel*, *One Word More*, *Hervé Riel*, *Pheidippides*.

b. *Study and Practice*. This part of the examination presupposes a more careful study of each of the works named below. The examination will be upon subject matter, form, and structure.

In addition the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

In 1907, 1908: Burke's *Speech on Conciliation with America*, Macaulay's *Essay on Addison* and *Life of Johnson*, Milton's *Comus*, *Lycidas*, *L'Allegro*, *Il Penseroso*; Shakspeare's *Julius Caesar*.

In 1909, 1910, 1911: Burke's *Speech on Conciliation with America*, or Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*; Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*; Milton's *Comus*, *Lycidas*, *L'Allegro*, *Il Penseroso*, Shakspeare's *Macbeth*.

2. FRENCH.

a. Elementary Requirement (two years' course). The translation of ordinary modern prose at sight into idiomatic English. The candidate should have read a minimum of four hundred pages, which ought to include the work of at least three authors.

The requirement in grammar comprises: The use of the article and partitive; inflections of nouns, adjectives, participles and pronouns; the use of personal pronouns, common adverbs, prepositions and conjunctions; familiarity with the regular conjugations and all but the rare irregular verbs; the simpler uses of the conditional and subjunctive.

The student's knowledge of grammar will be tested chiefly by the translation of English sentences into French, but may also be tested by direct questions based on the French passage set for translation.

b. Intermediate Requirement (three years' course). Translation of standard French at sight, into idiomatic English. The candidate should have read, in addition to the amount specified under the *Elementary Requirement*, from four hundred to six hundred pages of modern prose and verse, which ought to include the work of at least four authors.

The requirement in grammar comprises a thorough knowledge of accident and the essentials of syntax; in particular the student should be familiar with the uses of tenses, moods, prepositions, and conjunctions.

The student's knowledge of grammar will be tested chiefly by the translation of English sentences and of a piece of connected English prose into French, but may also be tested by direct questions based on the French passages set for translation.

It is recommended that the candidate be trained to take part in recitations conducted in French.

3. GERMAN.

a. Elementary Requirement. The rudiments of grammar, including irregular verbs, elementary rules of syntax, and word order. Translation into German of easy variations upon sentences selected from the reading lesson. Drill in pronunciation and in taking German dictation.

Readings: 75 to 100 pages of graduated texts from a reader. Guerber's *Märchen und Erzählungen*, vol. I.; Gerstaecker's *Germelshausen*; Storm's *Immensee*; Heyse's *L'Arrabbiata*. Equivalents may be offered.

b. Intermediate Requirement. An accurate knowledge of the principles of grammar, embracing inflexions and syntax. Sight translation.

Ability to take dictation, to follow a recitation conducted in German, and to write short themes based on the reading.

Readings: Lessing's *Minna von Barnhelm*, Schiller's *Wilhelm Tell*, one of Richl's *Kulturhistorische Novellen*, Goethe's *Hermann und Dorothea*, Moser's *Der Bibliothekar*. Equivalents may be offered.

4. GREEK.

Grammar, a thorough knowledge of forms and syntax.

Xenophon, the *Anabasis*, Books I-IV.

Homer, the *Iliad*, Books I-III.

Prose composition based on the *Anabasis*.

Ability to translate at sight an ordinary passage of prose or poetry.

5. HISTORY.

(a) Ancient history, with special reference to Greek and Roman history, and including a short introductory study of the more ancient nations and the chief events of the early Middle Ages, down to the death of Charlemagne.

(b) Medieval and Modern European history, from the death of Charlemagne to the present time.

(c) English History.

(d) American History, including civics.

6. LATIN.

Grammar, a thorough knowledge of forms and syntax. Cæsar, Books I-IV of the *Commentaries*; Cicero, Seven *Orations*, the *Manilian Law* to count as two orations; Vergil, Books I-VI of the *Aeneid*; Prose Composition based on Cæsar and Cicero; ability to translate at sight an ordinary passage of prose or poetry.

7. MATHEMATICS.

a. Elementary Algebra through Quadratic Equations and the Binomial Theorem for positive integral exponents.

b. Advanced Algebra, including Progressions. Permutations and Combinations, Logarithms, Series, Determinants, and the Theory of Equations.

c. Plane Geometry, including the solution of simple original exercises and numerical problems.

d. Solid Geometry.

e. Plane and Spherical Trigonometry.

8. SCIENCE.

a. Chemistry, metals and non-metals, one year's study, with laboratory practice.

b. Physics, at least one year's study, five hours weekly, with laboratory practice.

9. SPANISH.

Elementary Requirement (two years' course). The translation of ordinary modern prose at sight, into idiomatic English. The student should have read a minimum of four hundred pages, which ought to include the work of at least three authors.

The requirement in grammar comprises: The use of the article, inflections of nouns, adjectives and pronouns; the use of personal pronouns, and common prepositions and conjunctions; mastery of all but the rare irregular verbs, and a knowledge of the simpler uses of the moods and tenses.

The student's knowledge of grammar will be tested chiefly by the translation of English sentences into French, but may also be tested by direct questions based on the Spanish passage set for translation.

DESCRIPTION OF STUDIES

In numbering the courses odd numbers are assigned to all studies in the first semester of each year and even numbers to all studies in the second semesters. Courses that are offered primarily as Junior College studies are numbered between 1 and 100. Courses offered primarily as Senior College studies are numbered from 101 upward. Elementary courses in the languages are designated by capital letters, as A, B, C, D.

Figures within parentheses at the end of each paragraph show the semestral point value of the course.

I. DIVISION OF HISTORY AND PHILOSOPHY

Department of Economics

Courses 101 and 102 are required of all students in the first year of the Senior College, excepting that they may be optional for those who make the division of History and Philosophy their minor group.

101. **OUTLINES OF ECONOMICS.** A general introduction to the study of Economics with the design to familiarize the student with the fundamental principles of the subject. In addition to the work in the text books collateral reading is required, especially upon the past and present industrial life in England and the United States. Recitations, discussions, lectures. (3.)

102. **ECONOMIC PROBLEMS.** Special attention is devoted to the subjects of taxation and municipal economics. Open to students who have taken Course 101. (3.)

103. **ECONOMIC HISTORY.** A study of the evolution of industrial life with special reference to England and the United States. (3.)

104. **THE ECONOMICS OF DISTRIBUTION.** A study of the more recent theories of distribution and their application to practical economics. Open to graduates and especially qualified undergraduates. (3.)

Department of Education

Students who wish to be admitted to examination for teachers' licenses in New York City should take Courses 101, 102, 107 and 108. Those who wish licenses to teach in elementary schools should take in addition Courses 103 and 104. All who wish the College Graduate Professional Certificate issued by the Regents of the State of New York should take Courses 101, 102, 107, 108, and either 103 and 104 or 106. The work may be taken either in the same year or successive years. The latter plan is recommended and it is suggested that Courses 101 and 102 be first taken. Only thus can Courses 103 and 104, important for elementary teachers, be taken.

101. **EDUCATIONAL PSYCHOLOGY.** See Psychology, 107. (3.) Dr. BROOME.

102. **GENERAL METHODS OF TEACHING.** Critical study of the general principles underlying teaching. The course involves observation and criticism of class instruction. (3.) Dr. BROOME.

103 and 104. **CURRICULUM AND METHODS OF TEACHING IN THE ELEMENTARY SCHOOL.** Lectures and conferences, with observation and criticism of class-room work. For each semester (1). Dr. BROOME.

106. SPECIAL METHODS.

The departments of LATIN, ENGLISH, GERMAN, FRENCH, HISTORY, MATHEMATICS, PHYSICAL EDUCATION and BIOLOGY offer courses in the Curricula and Methods of Teaching each of these Subjects in the Secondary School. (1.)

107. HISTORY OF EDUCATION. Greek and Roman education. The leading movements in the history of culture from the appearance of Christianity to the twentieth century and their effects on the schools. (3.) Professor HENDERSON.

108. THEORY OF EDUCATION. The relation of education to social life and the part it has played in evolution. Present day problems in education. Lectures, conferences, and reports. (3.) Professor HENDERSON.

109. PRIMARY EDUCATIONAL PRINCIPLES. Discussions, readings, and essays. The purpose of this course is to show Froebel's conception of education through a study of his works and the practical application of his theory to education in the kindergarten. Second year Normal class, first semester, two hours weekly. Tuesdays and Thursdays at 3.45 P. M. Miss SCOTT.

110. THE PRINCIPLES OF EDUCATION. An advanced course in this subject offered especially to students in the teachers' classes. Junior or Senior year, second semester. (2.) Miss SCOTT.

112. FROEBELIAN THEORY AND METHODS. Study of the gifts, games, occupations, stories and nature work, with reference to their adaptation to child-nature and its development. Second year Normal, second semester, three hours a week. Professor HARVEY and Miss ROETHGEN.

114, 115, 116. FROEBEL'S PHILOSOPHY in "The Mother Play." First year Normal, second semester, once a week; second year Normal, once a week throughout the year. Professor HARVEY and Miss ROETHGEN.

117. MODERN HISTORY AND HISTORY OF EDUCATION. This course is designed for Normal students and involves a study of the chief social and cultural movements of Modern History, and of the influence that these movements have exerted upon education. Five hours a week, first year Normal. Mr. TANNER.

Department of History and Politics

1. MEDIEVAL HISTORY. The origin and development of feudal society and institutions, the political history of Central and Southern Europe to the fifteenth century. Required of all students in the first year. (3.)

2. HISTORY OF RENAISSANCE. A study of the social, religious and political issues of the Renaissance, the fifteenth and sixteenth centuries. Required of all students in the first year. (3.)

3. ENGLISH HISTORY. English History to the execution of Charles

I, with special reference to the Tudor period and the Puritan Revolution. (3.)

4. ENGLISH HISTORY. The political and social development of England since the Puritan Revolution. (3.)

101. FRENCH HISTORY. The Ancient Régime and the French Revolution. (3.)

102. HISTORY OF THE NINETEENTH CENTURY. Topical studies in Modern History. The age of the settlement of parliamentary government and racial consolidation. (3.)

103. AMERICAN HISTORY. A topical study of American History from the Colonial period to the "Era of Good Feeling." (3.)

104. AMERICAN HISTORY. The history of the United States from the "Era of Good Feeling" through Reconstruction. (3.)

105. BIBLICAL HISTORY AND LITERATURE. This course will include a history of the Bible, both of the Old and of the New Testaments; manuscript copies; the most important versions; the English Bible; an outline of Jewish history to the Exile, with frequent reference to Jewish institutions, religious, political and economic. (3.)

106. STUDIES IN THE LIFE OF CHRIST AND IN THE ORGANIZATION OF THE CHRISTIAN CHURCH. An outline of Jewish history from the Exile to the birth of Jesus Christ. The growth of the Messianic idea. Palestine in the time of Christ. Selected studies in the Gospels. The formation of the Christian Church. (3.)

107, 108. SEMINAR IN HISTORY. Open to especially qualified Seniors and graduates. Bibliography, reports, historical criticism and discussions. Two hours a week throughout the year. Dr. FRADENBURGH and Mr. TANNER. For the year (3.).

II or III. HISTORY OF ART. Study of the rise and progress of Ancient and Classic Art; the evolution of the Fine Arts as a natural expression of national development; illustrated by pictures and lantern slides, by lectures with collateral readings, and by visits to galleries. In the first semester the following ground is covered: Architecture and Sculpture to the nineteenth century; Painting to the thirteenth century; technique, execution and composition. Principles of construction: Lintel and arch. The human form in art. Scope and limitations of Sculpture.

Periods: Egyptian, Assyrian, Persian, Greek, Roman, Byzantine, Romanesque, Ogival or Gothic, Renaissance, Modern. (3.)

12 or II2. HISTORY OF ART (continued). In the second semester the work is as follows: Painting from the beginning of the thirteenth century; Architecture and Sculpture from the beginning of the nineteenth century; critical appreciation of the spirit of Painting in various nations, Italy, Holland and Belgium, Germany, Spain, France, England and the

United States; consideration of engraving, etching, mezzotint, lithography, perspective, tone, color, light and shade, touch. (3.)

N. B.—In the year 1907-08 these two courses in the History of Art will be modified so that especial attention will be given to the history and criticism of Modern Art. This change will be made in the year 1907-08 only, for the benefit of students who began work in this subject under the former course of study in the year 1906-07.

Department of Law

102. INSTRUCTION IN LAW is given by a course of lectures and conferences upon "Law as it most closely affects the daily life and needs of the citizen." This course is given during the second semester by several members of the legal profession, and credit for it is required of all students in the Senior College. Once a week.

Department of Philosophy

101. HISTORY OF PHILOSOPHY. A general survey of the thought of both the ancient and modern world, with special reference to the problems of knowledge. Special attention will be bestowed upon those authors who have made important contributions to the literature of philosophy. Windleband's *History of Ancient*, and Falckenberg's *History of Modern Philosophy* will be used as works of reference. First semester and part of the second. (4.)

102. ETHICS. An outline study of the leading ethical theories and of the fundamental principles of morality, and of their application to individual and social life. Text-books: Seth's *Principles* and Fite's *Introduction to Ethics*. Part of the second semester. (2.)

Department of Psychology

1. LOGIC. The elements of formal logic, deductive and inductive, with a consideration of the nature of judgment. Three hours a week, part of first semester. (2.) Professor HENDERSON.

2. PSYCHOLOGY. Elementary analysis of consciousness. Experimental methods are employed. The course is open only to those who are taking the Sophomore work in biology or who have a general knowledge of the structure and functions of the nervous system in man. Three hours a week, part of first semester and second semester. (4.) Professor HENDERSON.

4. ELEMENTARY PSYCHOLOGY. Introduction to the study of psychology. First year Normal, four hours a week. Miss BRUNN.

5 or 105. PSYCHOLOGY OF THE CHILD. The study of instinct in its relation to the development of the child, and its expression in more or

less definite stages of physical and mental growth. The more recent methods and results of the study of children. Second year Normal, first semester, three hours a week. Senior College option also. (3.) Professor OSBORN.

6 or 106. APPLICATIONS OF PSYCHOLOGY. The data of psychology as a basis for teaching in primary grades. Illustrations designed to show the connection between the work of the kindergarten and of the primary teacher. Second year Normal, and Senior College option, second semester, three hours a week. (3.) Professor OSBORN.

107. EDUCATIONAL PSYCHOLOGY. The development of mental functions during infancy and childhood. Critical study of educational practices from the points of view of analytical and experimental psychology. (3.) Dr. BROOME.

Department of Sociology

2. PRACTICAL SOCIOLOGY. A study of population and social organization, with suggestions for constructive work, designed particularly to meet the needs of kindergartners. Normal course. (3.)

101. INTRODUCTION TO SOCIOLOGY. This course is designed to afford a synthetic view of social phenomena, and to furnish the student with a scientific method for the study of ordinary human association and fundamental social problems. (3.)

102. SOCIAL ELEMENTS. The purpose of this course is to show the connection between the different elements that make up society, and to study particularly the family, industrial society, and the constructive educational and religious forces at work. (3.)

103. MODERN PHILANTHROPY. A study of the nature and origin of the dependent and defective classes; principles and methods of relief; organization and management of state institutions. (3.)

104. CRIMINAL SOCIOLOGY. A study of the causes, nature and treatment of crime; the principles of criminal anthropology, criminal jurisprudence and penology. (3.)

105. ADVANCED SOCIOLOGY. A critical study of sociological theory. Open to graduates and especially qualified undergraduates. First semester. (3.)

107, 108. SEMINAR. Open to graduates and especially qualified undergraduates. Two hours a week throughout the year. For the year (3.)

II. DIVISION OF LANGUAGES AND LITERATURES

Department of Elocution

1, 2. Individual work in this department is required of each student in the Junior College, and is optional in the Senior College. Assistant Professor MACFARLANE.

Department of the English Language and Literature

1. RHETORIC AND COMPOSITION. A course in daily themes, with frequent conferences. Required of all students in the first year of the Junior College. (3.) Professor GREENLAW and Assistant Professor TUCKER.

2. THE HISTORY OF ENGLISH LITERATURE IN OUTLINE. The course is designed as a preparation for more detailed work in other courses. A brief manual is used, together with selections illustrating the historical development of English literature. Conferences and reports. Required of all students in the first year of the Junior College. (3.) Assistant Professor TUCKER.

3. THE ELIZABETHAN DRAMA. Marlowe, Shakspeare, Jonson, with some account of the development of the drama in the sixteenth century. Supplementary reading and reports. (3.) Professor GREENLAW.

4. ENGLISH LITERATURE IN THE SEVENTEENTH CENTURY. From the accession of James to the death of Milton (1603-1674). The decadence of the drama; Milton and his contemporaries; the development of prose to the Restoration. (3.) Professor GREENLAW.

6 or 106. AMERICAN LITERATURE. From the beginning to the present time. Open to all students in either College who have had Courses 1-3, or their equivalent. (3.) Professor GREENLAW.

101, 102. ENGLISH COMPOSITION: ADVANCED COURSE. Designed for students who have passed in English 1, with a mark higher than C. The course may be elected for two years. (1.) Professor GREENLAW.

103. NON-DRAMATIC LITERATURE OF THE ELIZABETHAN PERIOD. Spenser and his contemporaries; the Elizabethan novel. (3.) Professor GREENLAW.

(To be given in 1908-1909 and in alternate years.)

105. CLASSICISM. English literature from the death of Milton to the death of Pope (1674-1744). Dryden, Pope and their contemporaries; Swift, Addison, and the history of prose. (3.) Professor GREENLAW.

(Given in 1907-1908 and in alternate years.)

107. THE LATE EIGHTEENTH CENTURY. English literature from the death of Pope to the Lyrical Ballads (1744-1798). The decline of Classicism; the beginning of the Romantic movement. Gray, Cowper, Burns, Crabbe, Blake; the English novel in the eighteenth century. (3.)

(Omitted 1907-1908.)

108. THE ROMANTIC TRIUMPH (1798-1830). Wordsworth, Coleridge, Byron, Scott, Shelley, Keats; the development of fiction. (3.) Professor GREENLAW.

109. VICTORIAN PROSE. The Essay from Carlyle to Stevenson; Eliot, Thackeray, Dickens, and their contemporaries. (3.) Assistant Professor TUCKER.

110. VICTORIAN POETRY. Tennyson, Browning, Arnold, Rossetti, Swinburne, Morris. (3.) Assistant Professor TUCKER.

111. ANGLO-SAXON. An elementary course, using Bright's *Anglo-Saxon Reader* as a basis. The object is to give a reading knowledge of the language and some appreciation of the literature. (3.) Professor GREENLAW.

112. BEOWULF. A continuation of English III. (3.) Professor GREENLAW.

(Courses III and 112 are offered in 1907-08 and in alternate years.)

113. CHAUCER. An introduction to Middle English. A considerable portion of the Canterbury Tales will be read, and, if time permits, some selections from Chaucer's other works. (3.) Professor GREENLAW.

114. MIDDLE ENGLISH. Supplementary to Course 113. The history of English literature, 1200-1557, with selections from ballads, romances, the drama, and other literature. (3.) Professor GREENLAW.

(Courses 113 and 114 are given in 1906-07 and in alternate years.)

115. THE ENGLISH NOVEL. The history of the novel is traced rapidly from the sixteenth to the mid-eighteenth century, but the main stress of the course is upon the development of English prose fiction from Richardson to the present time. (3.) Assistant Professor TUCKER.

Department of Germanic Languages and Literatures

GERMAN A. ELEMENTARY COURSE. This course is intended for students who have not presented German for admission and have no previous knowledge of the language. Elements of grammar, reading, writing. German A will count toward the degree only if credit is obtained for German B. First semester. (3.)

GERMAN B. ELEMENTARY COURSE (continued). Review of the elements of grammar. Dictation based on the reading. Frequent short themes in German. A large amount of easy German prose will be read. Open to students who have credit for Course A or who have studied the

language for one year in an accredited preparatory school. German A and B will remove an entrance condition in Elementary German. Second semester. (3.)

GERMAN C. INTERMEDIATE COURSE. Rapid review of the elements of grammar; syntax; dictation, short themes based on the reading; prose writers of the nineteenth century. Open to students who have credit for German A and B or who present Elementary German for admission. First semester. (3.) Miss SCHRADIECK.

GERMAN D. INTERMEDIATE COURSE (continued). Special problems of grammar; syntax; dictation, short themes based on the reading. Lessing, *Minna von Barnhelm*; Schiller, *Wilhelm Tell*; Goethe, *Hermann und Dorothea*. Collateral reading from selected works on German history. Open to students who have credit for Course C or, under certain conditions, to students who enter at mid-year and have credit for Elementary German on admission. German C and D will remove an entrance condition in Intermediate German, or will count toward the degree for all students who do not offer Intermediate German on admission. Second semester. (3.) Miss SCHRADIECK.

I. INTRODUCTION TO GERMAN LITERATURE. Goethe, *Dichtung und Wahrheit* (selections), *Götz von Berlichingen*, *Gedichte* (selections). Rapid reading, dictation, short themes. Collateral reading from Francke's *History of German Literature*, Bielschowsky's *Goethe*, and standard works of German history. Students are expected to meet the Assistant in weekly conferences. Open to students who have credit for German D or who present Intermediate German on admission. (3.) Professor COAR and Miss SCHRADIECK.

2. INTRODUCTION TO GERMAN LITERATURE. Schiller, *Don Carlos*, *Wallenstein*, *Gedichte* (selections). Rapid reading, dictation, short themes. Collateral reading from Hettner's *Die deutsche Litteratur im 18. Jahrhundert*; Hillebrand's *Zeiten, Völker und Menschen*; Harnack's *Schiller*; Brahm's *Schiller*. Students are expected to meet the Assistant in weekly conferences. Open to students under the same conditions as German I. (3.) Professor COAR and Miss SCHRADIECK.

3. GOETHE. A study of the life and works of Goethe previous to his friendship with Schiller. *Egmont*, *Iphigenie*, *Torquato*, *Tasso*. Monthly themes in German and English, and a semestral essay in English. A considerable amount of collateral reading will be required. Students will be provided with a syllabus of the course at the beginning of the semester. Open to students who have credit for German 2. (3.) Professor COAR.

4. SCHILLER. A study of the life and works of Schiller, with some reference to Goethe; *Maria Stuart*, *Die Jungfrau von Orleans*, *Die Braut von Messina*. Monthly themes in German and English, and a semestral

essay in English. A considerable amount of collateral reading will be required. Students will be provided with a syllabus of the course at the beginning of the semester. Open to students who have credit for German 1 and 2, or German 3. (3.) Professor COAR.

101. LESSING. A study of the critical and dramatic works of Lessing, with some reference to Herder, Goethe, Schiller, and to German, French and English literature and esthetic criticism of the eighteenth century. Monthly reports and a semestral essay. The course is open primarily to students enrolled in the "teachers courses" who have credit for German 1 and 2. A syllabus of the course will be provided at the beginning of the semester. (3.) Professor COAR.

(Given in 1906-07. To be omitted in 1907-08.)

103. GERMAN LITERATURE IN THE FIRST HALF OF THE NINETEENTH CENTURY. Romanticism and the romantic ideals of art and life. Kleist, *Der Prinz von Homburg*; Grillparzer, *Sappho*; Heine, *Buch der Lieder*. A considerable amount of collateral reading will be required. Monthly themes in English and German, and a semestral essay in English. Students will be provided with a syllabus of the course at the beginning of the semester. Primarily for students in Senior College who have credit for German 2 and for German 3 or 4. (3.) Professor COAR.

104. GERMAN LITERATURE IN THE SECOND HALF OF THE NINETEENTH CENTURY. Realism, naturalism, mysticism. Ludwig, *Die Makkabäer* or *Der Erbförster*; Hebbel, *Herodes und Mariamne*; Sudermann, *Heimat*; Hauptmann, *Die versunkene Glocke*. A considerable amount of collateral reading will be required. Monthly themes in English and German, and a semestral essay in English. Students will be provided with a syllabus of the course at the beginning of the semester. Open to students under the same conditions as German 103, or to students who have credit for German 103. (3.) Professor COAR.

105. GOETHE'S FAUST, Part I. A critical study of the drama and of Goethe's philosophy of life. Open only to students in Senior College who have credit for German 3 and 4 or 101. (2.) Professor COAR.

(To be given only as a "teachers course" in 1907-08.)

106. GOETHE'S FAUST, Part II. A critical study of so much of Part II as is important for an exposition of Goethe's conception of "beauty." Open only to students in Senior College who have credit for German 105. (2.) Professor COAR.

(To be given only as a "teachers course" in 1907-08.)

III. DER DEUTSCHE AUFSATZ. A study in good style and practice in writing German essays. The course will be conducted in German. Open only to students in Senior College who have credit for three of the following courses: German 3, 4, 101, 103, 104. (1.) Professor COAR.

112. DER DEUTSCHE AUFSATZ (continuation of German 111). Open to students on the same conditions. German 111 and 112 are a requirement for honors in German. (1.) Professor COAR.

113. HISTORY OF THE GERMANIC LANGUAGES. Phonology. Consonants and vowels. The relation of modern German to modern English. This course is intended for students who purpose to teach German. Open only to students in Senior College who have credit for six of the following courses: German 1, 2, 3, 4, 101, 103, 104. (1.) Professor COAR.

114. HISTORY OF THE GERMAN GRAMMAR. Etymology. Prefixes and suffixes. Declensions and conjugations. Special problems in grammar and syntax. Open only to students in Senior College who have credit for German 113. (1.) Professor COAR.

Department of the Greek Language and Literature

1. GREEK PHILOSOPHY. Plato, The Apology and Crito, with selections from the Phædo, Phædrus, Gorgias, Republic. Study of style and philosophic content. (3.)

2. HOMER. Selections from the later books of the Iliad, or of the Odyssey. Discussion of the authorship of the poems. Explanations of Homeric forms and syntax. (3.)

3. THE GREEK DRAMA. Its rise and development. One tragedy of Euripides, The Clouds of Aristophanes. (3.)

4. One tragedy of Sophocles, and one of Aeschylus, with a summary of the other tragedies, and a study of the careers of these poets. (3.)

101. Herodotus: History of the Persian Wars; The Persians of Aeschylus. (3.)

102. Thucydides: The Sicilian Expedition, with selections from the other books. (3.)

103. Demosthenes: Oration on the Crown; Aeschines: Against Ctesiphon. Selections from the other orators. (3.)

104. GREEK LYRIC POETRY. Odes of Pindar and Bacchylides. Selections from Theocritus and Hesiod. (3.)

106. A study of Greek life as revealed in the monuments and remains of Greece, Sicily and Crete. Illustrated by lantern slides. (3.)

107. GREEK COMPOSITION. (1.)

108. GREEK COMPOSITION. (1.)

109, 110. A Review of the Principles of Greek Grammar. One hour a week during the year. Both semesters together. (1.)

NOTE.—Classes will be formed in Elementary Greek when sufficient numbers apply.

Department of the Latin Language and Literature

1. Cicero: De Senectute and De Amicitia. Latin Composition based on the Amicitia. (3.)
 2. Horace: Selected Odes and Epodes. Lectures on the Augustan Age. (3.)
 3. The Captivi of Plautus. The Andria of Terence. Selected Letters of Pliny. (3.)
 4. Catullus: Selected Odes. Horace: Selected Satires and Epistles. (3.)
 101. The Agricola and The Germania of Tacitus. Lucretius: Selections from Books I, III, V. (3.)
 102. Selected Satires of Juvenal. The Dialogue of Tacitus. (3.)
 103. Martial: Selected Epigrams. Selections from various prose writers of the Empire (Seneca, Quintilian, Petronius and others). (3.)
 104. Selections from the Elegiac poets. Selections from various prose writers and poets of the Empire (Suetonius, Tacitus, Lucan and others). (3.)
 105. Elementary Latin Composition. (1.)
 106. Elementary Latin Composition. (1.)
 107. Advanced Latin Composition. (1.)
 108. Advanced Latin Composition. (1.)
 - 109, 110. Review of the Principles of Latin Grammar. One hour a week during the year. Both semesters together. (1.)
 111. Livy: Selections from Books I, 21, 22. (1.)
 112. Livy: Selections from Books I, 21, 22. (1.)
- NOTE.—Classes in Elementary Latin will be formed when sufficient numbers apply.

Department of Romance Languages and Literatures

I. FRENCH.

A. ELEMENTARY COURSE. Open to students who did not offer French at entrance. Thorough study of the essentials of grammar and syntax; dictations; translation from English into French; attention will be paid to the acquisition of an accurate pronunciation; reading of easy modern prose.

Fraser and Squair, *French Grammar*; Laboulaye, *Contes Bleus*. (3.)
Professor KERR.

NOTE.—No credit toward the degree of B.A. will be given for Course A, unless Course B is also satisfactorily completed.

B. ELEMENTARY COURSE (continuation of A). Pre-requisite, French A or its equivalent.

Fraser and Squair, *French Grammar*; Cameron, *Elements of French Composition*; Lesage, *Gil Blas*; George Sand, *La Mare au Diable*; Labiche, *La Poudre aux Yeux*; Merimée, *Colomba*. (3.) Professor KERR.

C. READING, GRAMMAR AND COMPOSITION. Pre-requisite, Elementary French at entrance, or French A and B or equivalents.

Fraser and Squair, *French Grammar*; Cameron, *Elements of French Composition*; De la Brète, *Mon Oncle et Mon Curé*; Loti, *Le Pêcheur d'Islande*; Dumas, *Les Trois Mousquetaires*; Sandeau, *Mademoiselle de la Seiglière*; outside reading. (3.) Miss BEARD.

D. READING, GRAMMAR AND COMPOSITION (continuation of C). Pre-requisite, Elementary French at entrance, or French A and B, or French C or equivalents.

Review of grammar; composition on books read; Lamartine, *Graziella*; About, *Le Roi des Montagnes*; Hugo, *Quatre-vingt-treize*; Paileron, *Le Monde où l'on s'ennuie*; outside reading. (3.) Miss BEARD.

I. INTRODUCTION TO FRENCH LITERATURE. Pre-requisite, Intermediate French at entrance, or French C and D or equivalents.

Molière, *Le Bourgeois Gentilhomme*, *L'Avare*; Racine, *Athalie*; Hugo, *Les Misérables*; grammar review; dictations; themes in French; collateral reading. (3.) Professor KERR.

2. INTRODUCTION TO FRENCH LITERATURE (continuation of I). Pre-requisite, Intermediate French at entrance, or French C and D, or French I, or equivalents.

Balzac, *Cinq Scènes de la Comédie Humaine*; de Vigny, *La Canne de Jonc*; Augier, *Le Fils de Giboyer*; Taine, *L'Ancien Régime*; grammar review; dictations; themes in French; collateral reading. (3.) Professor KERR.

3. PROSE AND POETRY IN THE SEVENTEENTH CENTURY. The work covered in this course is meant to serve as an introduction to the non-dramatic literature of the classic period.

Selections from Descartes and Pascal, from Larocheffoucauld, *Les Maximes*; and from La Bruyère, *Les Caractères*; Bossuet, *Oraisons Funèbres* (Henriette-Anne d'Angleterre); Madame de Lafayette, *La Princesse de Clèves*; Madame de Sévigné, *Lettres* (selected); La Fontaine, *Fables Choiesies*; collateral reading, essays and reports. (3.) Professor KERR.

4. CLASSIC DRAMA. A study of the three great dramatists of the seventeenth century; conceptions of life and theories of art in the age of Louis XIV.

Molière, *Les Précieuses Ridicules*, *Tartuffe*, *Le Misanthrope*, *Les*

Femmes Savantes; Corneille, *Le Cid*, *Polyeucte*; Racine, *Andromaque*, *Phèdre*; collateral reading, essays and reports. (3.) Professor KERR.

101. FRENCH LITERATURE IN THE EIGHTEENTH CENTURY. (To be omitted in 1907-08.

Lesage, *Turcaret*; Piron, *La Métromanie*; Marivaux, *Le Jeu de l'Amour et du Hasard*; Sedaine, *Le Philosophe sans le savoir*; Beaumarchais, *Le Barbier de Séville*; Voltaire, *Contes choisis*, *Zaïre*, *Mérope*; Rousseau, *Brunel's Extraits*.

The collateral reading will mostly be concerned with Voltaire and Rousseau; in connection with this work essays and reports will be required. (3.) Professor KERR.

102. FRENCH LYRIC POETRY. (To be omitted in 1907-08.)

A topic study of lyric poetry in France, beginning with Charles d'Orleans and continuing down to the present day. The development of the *genre* will be carefully traced, but the bulk of the course will be devoted to the poets of the nineteenth century. Outside reading, essays and reports. (3.) Professor KERR.

103. EARLY NINETEENTH CENTURY LITERATURE. The Romantic movement in France.

Chateaubriand, *Atala*; Hugo, *Hernani*, *Ruy Blas*; Delavigne, *Louis XI*; Balzac, *Eugénie Grandet*; de Musset, *Fantasio*, *on ne badine pas avec l'amour*, *Il faut qu'une porte soit ouverte ou fermée*; Ponsard, *Charlotte Corday*; collateral reading, essays and reports. (3.) Professor KERR.

104. LATER NINETEENTH CENTURY LITERATURE. Literary tendencies of the past fifty years.

Flaubert, *Salammbô*; Zola, *Selections*; France, *Crime de Sylvestre Bonnard*; Renan, *Souvenirs d'Enfance et de Jeunesse*; Rostand, *Cyrano de Bergerac*; collateral reading, essays and reports. (3.) Professor KERR.

105, 106. HISTORICAL GRAMMAR. In connection with a reading of the *Chanson de Roland*, a study will be made of elementary historical French phonology and morphology.

Admission to this course is restricted to advanced students, who have had a minimum of three years of College French, or who can otherwise satisfy the instructor of their fitness profitably to pursue the course.

Both semesters, once a week; credit for the year (3).

2. ITALIAN.

1. ELEMENTARY COURSE. Grandgent's *Italian Grammar*; elementary exercises in writing Italian; reading of easy modern prose as contained in Bowen's *Italian Reader*. (3.)

NOTE.—*No credit toward the degree of B.A. will be given for Course 1 unless Course 2 is also satisfactorily completed.*

2. ELEMENTARY COURSE (continuation of 1). Open to students with credit for Course 1 or its equivalent. Grammar and composition continued; reading of modern novels and plays. (3.)

3. SPANISH.

1. ELEMENTARY COURSE. Hill's and Ford's *Spanish Grammar*; elementary exercises in writing Spanish; reading of easy modern prose. (3.) Miss CUEVAS.

NOTE.—*No credit toward the degree of B.A. will be given for Course 1 unless Course 2 is also satisfactorily completed.*

2. ELEMENTARY COURSE (continued). Open to students having credit for Course 1 or its equivalent. Grammar and composition continued; special attention is paid to idioms and colloquialisms as used in Central and South America; reading of modern prose. (3.) Miss CUEVAS.

3 and 4. INTRODUCTION TO SPANISH LITERATURE. Pre-requisite, Spanish 1 and 2 or their equivalents. Themes in Spanish; reading of representative masterpieces of seventeenth, eighteenth and nineteenth centuries; outlines of Spanish literary history. Each semester (3). Miss CUEVAS.

III. DIVISION OF SCIENCES AND MATHEMATICS

Department of Astronomy

2. ASTRONOMY, DESCRIPTIVE, PHYSICAL AND HISTORICAL. Senior year, all courses. Professor PECKHAM.

Department of Biology

1. GENERAL BIOLOGY. The practical study of a number of significant and typical animal and plant forms. A single course designed for those who wish to gain some knowledge of fundamental biological phenomena. First year Normal, first semester; college option also. (3.)

2. ZOÖLOGY AND BOTANY FOR KINDERGARTNERS. Material especially adapted to nature work with children. First year Normal. (3.)

3. BOTANY. COMPARATIVE MORPHOLOGY AND PHYSIOLOGY OF CRYPTOGAMS. Three hours a week, with two hours of laboratory work. (3.)

4. AECOLOGY, MORPHOLOGY AND PHYSIOLOGY OF THE FLOWERING PLANTS. Recitations and laboratory work as above. (3.)

101. INVERTEBRATE ZOÖLOGY. Comparative study of the anatomy of representatives of the principal groups of invertebrates. Three hours a week, with two hours of laboratory work. (3.)

102. COMPARATIVE ANATOMY OF VERTEBRATES. Senior College. Recitation and laboratory work as above. (3.)

103. HUMAN PHYSIOLOGY. Designed for students expecting to teach Biology in Grammar and High schools. Open to students in either College. (3.)

104. BACTERIOLOGY AND SANITARY SCIENCE. The study of bacteria, yeasts, molds and their application to the affairs of daily life. Drinking water and sewage as vehicles of disease. Public supplies of water, ice, food. (3.)

105, 106. PHYSIOLOGY AND HYGIENE. A course arranged especially for those who wish to understand physical education. Each semester (3.) Dr. PETTIT.

107, 108. HUMAN ANATOMY. Required of all students who wish to become teachers of physical education. Each semester (3.) Dr. PETTIT.

109, 110. ANTHROPOMETRY AND PHYSICAL DIAGNOSIS. Each semester (1.) Dr. PETTIT.

Department of Chemistry

1, 2. GENERAL CHEMISTRY. (a) First Semester. *Chemistry of the non-metals*: Physical and chemical change; laws of chemical combination; theory of solutions; thermo-chemistry; principles of chemical nomenclature; periodic law; families of non-metals; problems; laboratory manipulations. (b) Second Semester. *Chemistry of the metals*: Distribution of metallic ores; general methods for the preparation of metallic compounds; methods of reduction; study of individual metals; uses of metals and their compounds; alloys. Short introduction to organic chemistry. Three hours a week. Laboratory, two hours a week. Each semester (3). Dr. SHARE.

3, 4. QUALITATIVE ANALYSIS. (a) First Semester. Tests for the metals; tests for the acid radicals; study of schemes for the separation and recognition of the metals and acid radicals. (b) Second Semester. Analyses of simple salts; analyses of solutions and mixtures of solids, commercial products, alloys, soils, etc. Three hours a week; laboratory, four hours a week. Each semester (3). Dr. SHARE.

101, 102. QUANTITATIVE ANALYSIS. (a) First Semester. Preliminary course on analysis of compounds of known composition; use of the balance; calibration of measuring instruments; general methods of volumetric and colorimetric analysis. (b) Second Semester. General course on the analysis of ores and commercial products; analyses of gases; analyses of waters; assays of gold, silver and other ores; electrolytic methods of analysis. Three hours a week. Laboratory, five hours a week. Each semester (3.) Dr. SHARE.

103, 104. ORGANIC CHEMISTRY. Methane derivatives; benzene derivatives; organic analysis; laboratory practice in the preparation of organic substances. Seven hours a week, lectures and laboratory. Each semester (3).

105, 106. TECHNICAL OR APPLIED CHEMISTRY. Processes for the manufacture of commercial products; advanced methods of quantitative analysis; food analysis. Seven hours a week. Lectures and laboratory. Each semester (3).

Department of Geology

101. GEOLOGY. General course; dynamic, structural, and historical. (3.) Dr. SHARE.

102. ECONOMIC GEOLOGY. Distribution and utilization of ore deposits, building stone, etc. (3.)

Department of Mathematics

1. **THEORY OF NUMBERS.** A course in the fundamental principles of arithmetic and algebra, with an outline of the logical principles chiefly used in mathematics, intended to supplement the high school work in algebra, and to give the student a firm foundation for his future study of mathematics. (3.) Professor BOWDEN.

2. **SOLID GEOMETRY.** The usual demonstrative work, with numerical applications of the formulas derived. (3.) Professor BOWDEN.

3. **MECHANICAL DRAWING.** Construction of problems in geometry, orthographic and isometric projections, plans, sections, and elevations of machines and architectural parts, blue prints, lettering, freehand drawing. (2.) Mr. LOCKE.

4. **ADVANCED MECHANICAL DRAWING.** More advanced work of a similar nature to that in the preceding course. (2.) Mr. LOCKE.

5. **TRIGONOMETRY.** The trigonometry functions will be defined as ratios of lines. From these definitions will be derived geometrically and analytically the ordinary formulas. This work will be followed by the solution of triangles, both plane and spherical, with the use of logarithms and applications to the measurement of heights and distances, to astronomy, and to navigation. (3.) Mr. LOCKE.

8. **ANALYTIC GEOMETRY.** The equations of the straight line, circle, parabola, ellipse, hyperbola, and a few of the simpler higher plane curves, with an introduction to Solid Analytic Geometry. (3.) Mr. LOCKE.

9. **ALGEBRA.** The binomial theorem, permutations, combinations, chance, logarithms, continued fractions, series, undetermined coefficients, determinants, theory of equations, solution of numerical equations. (3.) Professor BOWDEN.

21. **DESCRIPTIVE GEOMETRY.** Orthographic projection of points, lines and surfaces, the intersection of lines and surfaces, spherical projections, shades and shadows, linear perspective, isometric projections. (3.) Mr. LOCKE.

22. **SURVEYING.** Recitations and lectures on the principles and practice of surveying, adjustment of instruments, practice surveys, levels and topographical work, computations based upon data thus derived. (3.) Mr. LOCKE.

101. **DIFFERENTIAL CALCULUS.** Simple and successive differentiation of functions, expansion of functions in series, evaluation of indeterminate forms, curve tracing, maxima and minima. (3.) Professor BOWDEN.

102. **INTEGRAL CALCULUS.** Derivation of formulas, calculation of lengths and areas of curves, areas and volumes of solids of revolution; solution of simple differential equations. (3.) Professor BOWDEN.

103. PROJECTIVE GEOMETRY. Ranges, flat pencils, axial pencils, sheaves of lines and planes, perspective, duality, harmonic figures, projective figures, anharmonic ratios. (3.) Professor BOWDEN.

104. ADVANCED PROJECTIVE GEOMETRY. Projective forms in relation to the conic sections, Pascal's and Brianchon's Theorems, poles and polars, diameters, polar reciprocal figures. (2.) Professor BOWDEN.

106. THE TEACHING OF ELEMENTARY MATHEMATICS. A study of the methods of the past and present, with an outline of the history of mathematics. Two hours, to count as one point. (1.) Professor BOWDEN.

107. VECTOR ANALYSIS. Addition, subtraction, and multiplication of vectors, the differential and integral calculus of vectors, with applications to geometry and mechanics. (3.) Professor BOWDEN.

108. ANALYTICAL MECHANICS. Laws of motion, composition and resolution of forces, friction, virtual velocities, machines, central forces, constrained motion, impact work and energy, center of gravity, moment of inertia, rotary motion. (3.) Professor BOWDEN.

109. THEORY OF GROUPS. The course will begin with an outline of the theory of substitutions. (3.) Professor BOWDEN.

110. THEORY OF FUNCTIONS. Functions of a real and of a complex variable, algebraic and transcendental functions, infinite series and products, derivatives and integrals. (3.) Professor BOWDEN.

THE MATHEMATICAL CLUB. This is an organization of teachers and students formed for the purpose of mutual help in mathematical investigation, and as an incentive to original work. The club meets once in three weeks.

Department of Physics

101. GENERAL PHYSICS. Properties of solids, liquids and gases, and the study of sound and light. Lectures and laboratory work. Three hours a week, with two hours laboratory. (3.) Professor PECKHAM.

102. GENERAL PHYSICS. Heat and electricity. Lectures and laboratory work. Three hours a week, with two hours laboratory. (3.) Professor PECKHAM.

103. MECHANICS AND HEAT. Three hours a week, with four hours laboratory. (3.) Professor PECKHAM.

104. ELECTRICITY AND LIGHT. Three hours a week, with four hours laboratory. (3.) Professor PECKHAM.

105. TECHNICAL ELECTRICITY. Dynamos and motors, lighting and power. Three hours a week, with four hours laboratory. (3.)

106. MODERN THEORIES OF MATTER AND ELECTRICITY, with applications to electrolysis and electrolytic conduction. Three hours a week, with four hours laboratory work. (3.) Professor PECKHAM.

107 or 108. METEOROLOGY. Lectures, with observations and forecasting. Three hours a week. (3.) Professor PECKHAM.

Department of Mineralogy

101, 102. MINERALOGY. (a) First Semester. Crystallography and Blowpipe Analysis. Crystallography: Study of crystal models and natural crystals; use of the goniometer. Blowpipe Analysis: Use of the blowpipe, preliminary tests; analyses of prepared mixtures. (b) Second Semester. Descriptive and Determinative Mineralogy: Physical and chemical characteristics of the common minerals; determination of minerals by the aid of the blowpipe and physical and chemical tests. Three hours a week; laboratory, two hours a week. Each semester (3). Dr. SHARE.

103. METALLURGY. Treatment of ores by furnace, wet and electrolytic methods. (3.) Dr. SHARE.

Department of Music

1 or 101. THE APPRECIATION AND INTERPRETATION OF MUSIC. The analysis of various forms of musical composition with collateral readings in the history and literature of music and musical criticism. (3.)

2 or 102. THEORY OF MUSIC. A course in Harmony, followed by Counterpoint, with readings in the history of Music. (3.)

IV. DESCRIPTION OF NORMAL SCHOOL STUDIES NOT INCLUDED AMONG THE COURSES LEADING TO A DEGREE.

1, 2. CAST DRAWING AND FREEHAND PERSPECTIVE. Study of light and shade, values and vanishing of lines and objects. Modeling in clay—type forms. Art and Normal Schools. Professor WHITTAKER.

3, 4. SKETCHING. Figure Studies. Action, proportion and expression. Composition and Design. Illustration. Art and Normal Schools. Professor WHITTAKER.

5, 6. LINEAR PERSPECTIVE. Application to interiors and landscapes. Art and Normal Schools. Professor WHITTAKER.

7, 8. PAINTING in all mediums, from still life and the living model. Art School. Professor WHITTAKER.

9, 10. INSTRUMENTAL DRAWING. Projection drawing, plane sections, developments, and the construction of working drawings. Normal School. Mr. LOCKE.

11, 12. DRAWING AND COLOR-WORK. Freehand and blackboard drawing, water-color, perspective and design, sketching from nature and objects. Normal School. First year, twice a week; second year, second semester, twice a week. Miss MORSE.

13, 14. VOCAL MUSIC FOR TEACHERS. Voice culture, sight-reading and transposing. Method in kindergarten songs and marches. Expressive use of voice and piano. Normal School. First year, two hours a week; second year, second semester, two hours a week. Miss KIBBE.

16. PRIMARY METHODS. Lesson plans, discussions and readings on the methods of teaching, reading, language, phonics, writing and primitive life, in the lower grades. Second year Normal. Second semester, one hour weekly. Miss ROETHGEN.

17, 18. NATURE METHODS. Adaptation of nature work and plans for using the same in the daily programme. Second year Normal, once a week. Miss ROETHGEN.

19, 20. GIFTS AND OCCUPATIONS. Practical application, lectures, essays and discussions.

Study of their educational value and their place in Froebel's system. First year Normal, six hours a week; second year Normal, three hours a week. Professor HARVEY AND Miss ROETHGEN.

21, 22. GAMES AND STORIES. Practice in telling and writing kindergarten stories. Classification of the same for practical purposes; as, fairy tales, historic stories, nature stories. Practical playing of kindergarten games. Educational value of traditional and other games as systematized by Froebel.

First year Normal, first semester, once a week; second semester, twice a week. Second year Normal, twice a week. Professor HARVEY.

EXPENSES

ALL TUITION IS PAYABLE SEMI-ANNUALLY IN ADVANCE at the Bursar's office in the Academic Building.

The fees for tuition in the various departments of the College are as follows:

Tuition in the College, per semester.....	\$90.00
Tuition in the College for Students in Teachers Courses only, per semestral course, three hours per week.....	18 00
Tuition in the Normal Departments, per semester.....	50 00
Tuition in the Art Department, per semester.....	25 00
Tuition in the Summer Session, for a two, or three-point course..	15 00
For courses representing more than three points.....	30 00
Special Examinations, each	5 00

There are no extra charges in the College Course except for materials used in the laboratories, and a fee of five dollars to cover the cost of the final diploma. In the Normal Department there is no extra charge for kindergarten materials.

When the bills for tuition in the first semester are sent out, an opportunity is given to each student to become a subscriber to the student paper "The Lituus," and to the College Athletic Association. The price of "The Lituus" is \$1.00 a year; membership in the Athletic Association costs \$1.00 a year for women, \$2.00 a year for men. These subscriptions are entirely voluntary; yet it is right that each student who can afford it should contribute to the maintenance of these important interests.

Special Students not in the Teachers Course Classes are charged at the rate of \$21 a semester for each three-hour subject studied. Special students in the sciences are entitled to the same amount of laboratory work as that which is required of regular students; for extra work in the laboratories they pay \$10 a semester for each additional period. No special student is received for less than one semester. Special students who take three subjects pay the regular rate.

Students in Biology and Physics will pay in each subject a laboratory fee of \$5 to cover cost of materials. Students in the Chemistry classes will pay a laboratory fee of \$10 to cover cost of materials. No laboratory desk will be assigned before payment of the fee is made. All laboratory fees are payable only in the Bursar's office. When breakage or usage exceeds the amount of the laboratory fee, an additional charge will be made to cover the excess.

The College maintains a Book Room, where all books and stationery may be purchased by the students for cash.

No deduction is made for absence. Students who withdraw during the year are liable for tuition until the Bursar has been notified of the withdrawal.

The price of board and lodging in the neighborhood of Adelphi College is from \$5 a week upward. Table board can be obtained at prices ranging from \$4 a week upward.

Address all business communications to The Bursar, Adelphi College, Brooklyn.

EQUIPMENT

I. Buildings.—The group of buildings now occupied by the College fills the entire end of the block between Lafayette Avenue and Clifton Place, upon St. James Place. The main entrance of Adelphi College is on Clifton Place. The central building is an assembly hall, 50x72 feet, with sittings for about a thousand persons.

During the noon hour, daily, or from 11.40 to 1.30 o'clock, a warm luncheon can be obtained in a lunch room within the buildings.

The College building is served by an electric elevator.

The College provides accommodations for outer wraps of students, and takes due precaution for the security of such articles, but it cannot be responsible for their safety.

Convenient access to the buildings is provided by the Brooklyn Union Elevated R. R. (DeKalb or Greene Avenue Stations), or by the Greene, DeKalb, Franklin, Vanderbilt, and Fulton electric cars.

By arrangement with the officers of the Brooklyn Rapid Transit Company, a special car is run before 9 A. M. from Flatbush along Flatbush and Nostrand Avenues to Adelphi, so that the trip may be made without change and for one fare. Time-tables may be procured at the Bursar's office.

II. The Library and Reading Room.—The Library now contains about eleven thousand volumes. In the reading room the principal magazines and all leading educational periodicals are on file. Students also have access to the large collections of the Public Library, which maintains a branch in the vicinity, and to the Pratt Free Library, which is only one block distant from Adelphi.

III. The Laboratories.—On the third floor of the College building are the mathematical and physical laboratories.

The mechanical drawing room is well lighted and contains a large collection of geometric models and machine types and an equipment for the study of surveying.

There are two laboratories for physics. The physics lecture-room is equipped with an electric projecting lantern and has seating capacity of one hundred.

There is an electric lighting and power plant, consisting of a forty horse-power engine, a 250-light U. S. direct current dynamo, and three U. S. motors. During the hours of session these furnish current in the lecture-room and laboratories and drive the ventilating fans. At other times connection is made with the Edison three-wire system.

The fourth floor is occupied by the departments of chemistry and biology. The department of chemistry possesses, besides a lecture room and a weighing-room, a *Main Laboratory*, a *Quantitative Laboratory*, an *Assay Laboratory*, and a *Blowpipe Laboratory* for the work in mineralogy and blowpipe analysis. The lecture-room has seats for eighty students, and is provided, like the physics lecture-room, with a specially constructed electric projecting lantern, with attachments for horizontal, vertical, and side projection, and special apparatus for the projection of microscopic objects.

In the rooms of the department of chemistry are exhibited the Mineralogical Collection, containing about two thousand specimens and a set of models of crystals. There is also a Geological Collection, including the representative fossils of all formations and large collections of the different kinds of rocks.

The biological laboratories are two in number and are well provided with facilities for botanical and zoölogical study, including dissecting and compound microscopes, a herbarium, mounting apparatus and various reagents, and a large amount of illustrative material, including a fine collection of type-vertebrate skeletons.

IV. The Gymnasium and Playing Field.—The gymnasium is in charge of a Director, who is a physician, and of a lady assistant. The calisthenium is a spacious room provided with a piano, and with the usual equipment of wands, clubs, and bells. The remaining space, besides dressing-rooms, bathroom, and offices, contains two large rooms well supplied with all modern apparatus. The bathrooms include a new and spacious equipment of shower and needle baths. In the central gymnasium are found handball courts and a basketball field.

The athletic field, called "Adelphi Oval," is situated upon lands belonging to the institution near the Crescent Avenue Station of the Lexington Avenue Elevated Road and lying between Fulton Street and Crescent and Ridgewood Avenues.

V. Scholarships.—In 1902, Mrs. Charles R. Baker founded and endowed a free scholarship in Adelphi College to be called the

SARAH CONSELYEA BAKER SCHOLARSHIP,

in memory of her daughter, who was graduated from Adelphi Academy with the class of 1896.

In 1906, Miss Harriet M. Martin, B.A., Adelphi, '02, established a free scholarship, as a memorial to her mother, Emily Doud Martin, to be called the

MARTIN MEMORIAL SCHOLARSHIP.

These two scholarships are awarded by vote of the Faculty to worthy and deserving students in recognition of meritorious scholarship and excellence of character.

Five scholarships, of the value of \$180 each, and called

THE BROOKLYN HIGH SCHOOL SCHOLARSHIPS,

are offered annually to those members of graduating classes in Brooklyn High Schools who show the highest proficiency in competitive examination upon subjects required for admission to Adelphi College. If candidates of sufficient merit present themselves, it is intended that each Brooklyn High School shall be represented among the winners of these scholarships, but the Faculty reserves the right to apportion the scholarships, if necessary, without regard to the scholastic affiliations of the candidates. The examinations will be held in January and June of each year. Students in the Brooklyn High Schools are eligible for admission to these examinations if they are recommended by the principal of the school that they are attending, and if they have attained the age of sixteen years. A similar scholarship, called

THE ADELPHI ACADEMY SCHOLARSHIP,

is offered under the same terms and at the same competitive examinations to members of the graduating class in Adelphi Academy.

For further information concerning these scholarships and examinations address the Secretary of the Faculty, Dr. A. G. Fradenburgh, Adelphi College.

The College devotes each year a certain portion of its resources to the maintenance of scholarships for the benefit of indigent and deserving students. Those who need aid should communicate with the president before November 1st in each year of the College Course. A student applying for aid for the first time is required to present evidence in writing that he is worthy to receive assistance, and that such help is necessary to enable him to continue in collegiate studies. Assistance will be withdrawn from students who are irregular in attendance, or who fail to maintain a reputable scholarship.

VI. PRIZES. The Ossoli Prize.—This prize, having a value of fifty dollars, is offered annually for the best English essay written by a student in Adelphi College. The subjects are announced in May of each year for the competition during the year following, and the results of the competition are announced at Commencement time.

Barlow Medals.—In December, 1897, Mr. George Barlow, of Brooklyn, gave to the College the sum of \$5,000, to be known as the George Francis Barlow Fund, in honor of the donor's son, who was the valedictorian of the Adelphi Academy Class of 1878. Part of the proceeds of this Fund is devoted to the maintenance of the Barlow Medals, which may be awarded in June of each year to that student in each division of the Junior College who has attained the highest rank in scholarship in all studies during the first two years of the College course. The remainder of the annual income from this Fund is devoted to the purchase of books, pictures, and apparatus.

Art School Prizes.—In the Art School a number of prizes are awarded to the winners in the annual competitions, which are described more fully in the section of this catalog relating to the department of fine arts.

Adelphi College Prizes in Taxation and Municipal Government.—Ten prizes, amounting in value to a total of \$500, are offered for the

best essays from Adelphi College students; first, upon some subject in Taxation; and second, for some subject concerning Municipal Government exclusive of the topic of Taxation. There will be five (5) prizes for essays upon subjects in Taxation and five (5) prizes for essays upon other subjects in Municipal Government. In each subject there will be a first prize of \$100, two second prizes of \$50 each, and two third prizes of \$25 each.

VII. Lectures.—Besides the lectures of many kinds maintained annually by Adelphi within its own walls, the students are advised to avail themselves of the exceptional educational opportunities afforded them in the unrivaled lecture and concert courses of the Brooklyn Institute. A merely nominal annual fee admits any one to most of the facilities of the Institute. All of its work is conveniently near Adelphi; some of it is placed every year within Adelphi halls. The new Art Museum of the Institute is not far away and is more and more valuable as an educational force.

During the second semester the members of the Junior Class are required to attend lectures upon "Law as Related to the Life of the Citizen," and upon the origins and development of law.

Dr. Eliza M. Mosher gives a short course of lectures at the beginning of each college year to the women members of the Freshman Class and of the first year Normal Class upon the subject of "The Body and the Care of it."

THE NORMAL SCHOOL FOR KINDERGARTNERS AND ART TEACHERS

Faculty

CHARLES H. LEVERMORE, Ph.D., President.

JOHN B. WHITTAKER, Superintendent of the Art School
and Professor of Painting and Drawing.

ANNA E. HARVEY, Professor of Froebelian Theory and Methods.
Superintendent of the School for Kindergartners and Secretary of
the Faculty.

FREDERICK W. OSBORN, B.A., M.A.,
Professor of Psychology and Philosophy.
Absent on leave, 1906-1907.

ELIZABETH V. GAINES, B.A., M.A., Professor of Biology.

ERNEST N. HENDERSON, B.A., M.A., Ph.D., Professor of Education.

ANNIE MARION MacLEAN, Ph.D., Professor of Sociology.

LOUISE BOTH-HENDRIKSEN, Instructor in the History of Art.

FREDA M. BRUNN, B.A., Instructor in Psychology and English.

FRANCIS H. FLAGLER, Instructor in Physical Education.

CAROLYN STANFORD KIBBE, Instructor in Vocal Music.

L. LELAND LOCKE, B.A., M.A., Instructor in Instrumental Drawing.

ANNA GERTRUDE MORSE,
Instructor in Manual Training and Drawing.

ELIZA M. MOSHER, M.D., Lecturer upon Hygiene.

N. LOUISE ROETHGEN, Instructor in Methods.

SARAH E. SCOTT, M.A., Instructor in Theory of Education.

EDWIN PLATT TANNER, B.A., Instructor in History.

THE NORMAL SCHOOL FOR KINDERGARTNERS

The Adelphi Normal School for Kindergartners was organized in 1893. The first class, consisting of nine members, graduated in 1895. At the present time one hundred and thirty-nine graduates of this school are teaching. Of this number, one hundred and eight are kindergartners in the public schools in the city of New York.

The Adelphi Normal Kindergarten Alumnæ Association was organized in 1896. The officers for 1907 are: President, Mrs. S. P. Weider, '02; Vice-President, Jessie B. Brown, '99; Corresponding Secretary, Julia C. Ross, '02 (address, Freeport, Long Island); Recording Secretary, Harriette D. Warren, '01; Treasurer, Bessie H. Thompson, '97.

In addition to the practice teaching in the Alumnæ Kindergarten, the Normal students have opportunities to teach in the kindergartens of the Free Kindergarten Society of Brooklyn, the Church of the Incarnation (Quincy Street, near Classon Avenue), the Emmanuel Baptist Mission, the Atlantic Avenue Chapel, and the Meredith and Orton Free Kindergartens.

The course of study extends through two years. Students who complete the full course and give satisfactory proof of efficiency and ability will receive a diploma certifying to their attainments. Students who are found deficient in oral or written English will be obliged to show satisfactory improvement before they can receive the diploma of the school. The fee for instruction in this school is \$100 per annum, payable semi-annually. There are no extra charges for materials.

Candidates for admission must be at least eighteen years of age, must have had either a high-school training or its equivalent, and must satisfy the Superintendent that they are competent to study kindergartening with prospect of success.

Candidates for admission must present certificates from institutions of recognized standing, or be prepared to pass examinations in the following subjects: English (Grammar, Rhetoric, and Literature—the college entrance requirements for the year or their equivalent), General History, Physiology, Plane Geometry, Physics, and three years' study of a language other than English. Only a limited number of students can be admitted to this school.

Candidates may present themselves for examination in September at the time of Adelphi College entrance examinations, as stated in the College calendar, or in June in the week before Commencement. Applications for admission to these examinations should be made at least one week before the date of the examinations, to the Superintendent.

Course of Study

Roman numerals indicate the division in which the course is enumerated in the "Description of Studies;" Arabic numerals give the number of the course.

First Year	Second Year
CLASS-ROOM WORK IS SUBSTANTIALLY AS FOLLOWS: Modern History and History of Education, I, 117, 1st Sem., 5 hours weekly. Psychology, I, 4, 2d Sem., 4 hours weekly. Zoology and Botany, III, 1, 2; 3 hours weekly. Music, IV, 13, 14; 2 hours weekly. Drawing, IV, 11, 12; 2 hours weekly. Kindergarten Principles with Practical application: Gifts and Occupations, IV, 19, 20; 1st Sem., 8 hours weekly. Games and Stories, IV, 21, 22; 2d Sem., 9 hours weekly. Froebel's Mother Play, I, 114, Observation. Gymnasium, 2 hours weekly.	IN THE FIRST SEMESTER 270 HOURS ARE DEVOTED TO PRACTICE TEACHING. CLASS-ROOM WORK FOR EACH SEMESTER IS SUBSTANTIALLY AS FOLLOWS: Psychology, I, 5, 6; 3 hours weekly. Sociology, I, 2, 2d Sem., 2 hours weekly. Music, IV., 14, 2d Sem., 2 hours weekly. Drawing, IV, 12, 2d Sem., 2 hours weekly. Froebelian Theory and Methods: Froebel's "Education of Man," I, 109, 1st Sem. Froebel's "Autobiography," and "Pedagogics," I, 112, 2d Sem. Froebel's "Mother Play," I, 115, 116. Program. Gifts and Occupations, IV, 19, 20; Games and Stories, IV, 21, 22; Nature Methods, IV, 17, 18; Observation. Primary Methods, IV, 16, 2d Sem., 1 hour weekly.

THE SCHOOL OF FINE ARTS

The whole of the fifth floor of the Collegiate Building is devoted to the Art School. There is a spacious studio, which is furnished with full and half-size statues, large and small torsos, busts, masks, and reliefs. There is also a large room for classes in drawing and painting from life. Besides, there are three rooms for modeling, the making of casts, and for the use of small classes. There is also a manual training workroom. All the studios are open daily from 9 A. M. until 4 P. M.

The special student entering the Art School is independent of the other departments of the school, and there are no restrictions as to age. One may choose, according to predilection or ability, between the antique, still life, portraits, figure, charcoal, pastel, oil and water-color, or he may include all in his studies for which he finds time. An evening class called "The Sketch Club" meets on Tuesdays from 7.30 to 10 P. M.

The charge for tuition is \$25 per semester, or \$50 per annum.

Students in this department are admitted to all privileges of the College library and reading-room.

The annual exhibition of the work of the pupils of the Adelphi Art School is usually held on the last Friday and Saturday in May of each year.

The drawings of the students are arranged in classes, and prizes are awarded as follows:

Best bust from the Antique.....	A silver medal.
Best figure from the Antique.....	A gold medal.
Best head from Life.....	A silver medal.
Best figure from Life.....	A gold medal.

In the class in painting a silver medal is awarded for the best draped figure from life, and a gold medal for the best nude figure from life.

The student who is regarded as showing the greatest improvement during the year receives a silver medal.

The award of all prizes is made by a jury specially chosen for this purpose, which inspects the drawings and paintings upon exhibition. The prizes are presented to the winners during Commencement week.

Those competitors whose work is regarded as next in excellence to that of the winner receive honorable mention.

In all classes in the Art School there is a monthly review of the work of the students and those subjects which deserve especial commendation receive a mark of honor.

Normal Art Course

Courses in the Art School and the College have been combined so that they constitute a normal training for students who wish to become teachers of drawing. Applicants for admission to this course, who intend to become candidates for drawing certificates, must be at least 18 years of age, and must either be graduates of a high school or be able to show by examination that they possess an equivalent preparation. All applicants will be required also to pass an examination in drawing, set by the Superintendent of the Art School. The course extends through two years, and a diploma is awarded to those students who complete the work of the course satisfactorily. The fee for instruction in the Normal Art Course is \$100 a year, payable semi-annually in advance. All students in this course may, at the discretion of the Superintendent and Faculty, be required to attend courses of lectures upon Art that are among those delivered each year before the Brooklyn Institute.

Course of Study

Roman numerals after title indicate the division in which the studies are grouped; Arabic numerals give number of course in the "Description of Studies."

First Year	Second Year
Cast Drawing and Clay Modeling, IV, 1, 2; 4 half-day sessions. Free-hand Perspective, IV, 5, 6. Sketching and Composition, IV, 3, 4; 3 half-day sessions. Instrumental Drawing, IV, 9, 10; 1 half-day session. Elementary Manual Training, with Methods, 3 hours weekly. Psychology, I, Psych., 4; 4 hours weekly, second semester. Modern History and History of Education, I, Educ., 117; 5 hours weekly, first semester.	Cast Drawing, IV, 1, 2; 1 half-day session. Freehand Perspective and Sketching, IV, 3, 4, 5, and 6; 2 half-day sessions. Composition, 2 half-day sessions. Water-Color, IV, 7, 8; 2 half-day sessions. History of Art, I, History, 108, 109 3 hours weekly. Special Methods in Drawing, 3 hours weekly. Educational Psychology and Methods of Education, I, Educ., 101, 102, 103, 104; 4 hours weekly.

For circulars and other information concerning the School of Fine Arts and Normal Art School, address the Superintendent.

PROF. J. B. WHITTAKER, Adelphi College, Brooklyn.

COMMENCEMENT, JUNE 10-14, 1906

The Baccalaureate sermon was delivered on Sunday evening, June 10, in St. Luke's P. E. Church, by the Rector, Rev. Dr. Henry C. Swentzel.

The Commencement exercises were held in the Central Congregational Church, on Thursday evening, June 14. Rev. Dr. S. Parkes Cadman offered prayer and an address was delivered by James Hulme Canfield, LL.D., of Columbia University.

The degree of Master of Arts was conferred in course upon Mary Elizabeth Elmore, B.A. (Adelphi, '04); Kate Louise Hodges, B.A. (Adelphi, '03); Edith Jewell, B.A. (Adelphi, '04).

The following persons were admitted to the degree of Bachelor of Arts:

Ida May Bähr	Milo Francis McDonald
Margaret Ethel Barclay	Frances Ermina Napier
Matilda A. Breid	Harriette Stoutenburgh Nason
Rose Brenner	Frederick Ludwig Onken
Ida Poole Brown	Florence Elise Parker
Bertha Chapman	Wilhelmina Margarethe Peterson
Anna Elizabeth Clemency	Marianna Simmons Potter
Grace Ethel Commiskey	Florence May Powers
Florence Josephine Duffey	Frances M. Quinlan
Mary Kirk Flagler	Grace Mary Quinlan
Beatrice Goldsmith	Emily Winifred Rose
Emily Nichols Goodwin	Meta Elizabeth Schutz
Bertha A. Hagen	Harriet Isabelle Slator
Neva Haight	Alicia Victoria Smithwick
Ida May Henry	Dora Davenport Stone
Gertrude Elizabeth Holden	Janet Sullivan
Helen M. Jackson	Matilda Usher
Harriet Adelia Kerby	Edith Belle Wall
Elizabeth Kerrigan	Marguerite Fitch Welles
Martha Kobelt	Clare Louise Wentworth
John Joseph McDonald	

The degree of Bachelor of Science was conferred upon Abraham Holzmann.

Diplomas of the Normal School for Kindergartners were awarded to the following persons:

Alice Evelyn Archer	Loretta Eugenia Howard
Cleo Cecilia Ashurst	Grace Lothian Kerr
Edna Lewis Aubrey	Helen Howes Knickerbocker
Matie Louise Bassett	Martha Glover Capers Layton
Minnie Randall Behrends	Florence Elinor Leahy
Almeda L. Branch	Eileen Patricia Mahony
Agnes Gertrude Carey	May Veronica Murphy
Ethel Young Caskey	Margaret Foster Nichols
Ethel Marie Conway	Agnes Anna Peterkin
Angela Helen Corduke	Olga Louise Rose
Vernie Gertrude Cornelius	Rebecca Sheriff
Mary Louise Crane	Millicent Daisy Smith
Julia Wall Cullen	Edna Russell Taber
Florence Barbara Dauenhauer	Winifred Tate
Margaret Edith Eichbauer	Lucy Taylor
Mary Stewart Frith	Ella Taylor
Beatrice Josephine Gaffney	Ethel Marcia Thom
Dorothy Lilian Gauvin	Lilian Louise Tibball
Neva Haight	E. Belle Wall
Laura Cecilia Hempsey	Marie Louise Welch
Alice Isabel Henderson	Emily Augusta Wilson

The Junior College certificate, signifying the satisfactory completion of all the prescribed work of the first two college years, was conferred upon the following persons:

Milton Montague Adler	Alfred Van Buren Howell
Lorentious Olif Anderson	Elizabeth Loretta Kelly
Maud Edna Akerly	Katharine Mary Agnes Keyes
Margaret Jane Brice	Alice Harriet Lapidge
Mildred Brantingham Bunting	Loretto McGuire
Anna Benedicta Carolan	Henrietta Searing Messenger
Florence Beatrice Chinnock	Ellen Elizabeth Nichols
Frances Denio Compton	Edith Ogden
Gertrude Dahlman	Rosalie Muriel Pell
Susie Frances Dunne	John Henry Schaumloeffel
Sigrid Charlotte Freeberg	Evelyn Maude Stewart
Anna Marie Clare Geiss	Elizabeth Dorothy Wagner
M. H. Matilda Geiss	Irma Marjorie Weekes
Margaret Graham	Carrie Elizabeth Wendel
Ignus Osborne Hornstein	Sigrid Victoria Wynblad

Award of Prizes and Honors

I. ART SCHOOL MEDDALS.

Medals of excellence in the work of the Art School during the year were awarded as follows:

FOR DRAWING FROM THE ANTIQUE. Drawing of the Head—1st Prize, Silver Medal, Stiles J. Dickenson; Honorable Mention, John Henkel. Drawing of the Figure—1st Prize, Gold Medal, Gertrude F. Poole; Honorable Mention, Albert Schroeter.

FOR DRAWING FROM LIFE. Drawing of the Head—1st Prize, Silver Medal, Robert H. Lewis; Honorable Mention, Wanda Story. Drawing of the Figure—1st Prize, Gold Medal, John B. Lapis; Honorable Mention, Douglas McClees.

FOR PAINTING FROM LIFE. Painting of the Draped Figure—1st Prize, Silver Medal, Mary C. Carpenter; Honorable Mention, Marie E. Uhlig. Painting of the Nude Figure—1st Prize, Gold Medal, Marie E. Uhlig; Honorable Mention, Douglas McClees.

FOR THE GREATEST IMPROVEMENT IN DRAWING DURING THE SCHOOL YEAR. Silver Medal, Henry Schirm.

The judges of award were Messrs. Harry C. Edwards, Charles D. Hunt, Joseph H. Boston.

2. HIGH SCHOOL SCHOLARSHIPS IN ADELPHI COLLEGE entitling the holder to free tuition in the class of 1910, open to graduates of Brooklyn High Schools, were awarded upon competitive examinations as follows:

1. Bertha Cohen.....of the Manual Training High School
2. Catherine F. Wagner.....of the Eastern District High School
3. William D. Max.....of the Eastern District High School
4. Helen McNamara.....of the Erasmus Hall High School

3. AWARD OF THE SARAH CONSELYEA BAKER AND MARTIN MEMORIAL SCHOLARSHIPS. These scholarships are both given in recognition of excellence in scholarship and in personal character.

THE SARAH CONSELYEA BAKER scholarship for the year 1906-1907 was continued to the present incumbent, FLORENTINA CARÁS, of the class of 1907.

THE MARTIN MEMORIAL scholarship for the year 1906-1907 was awarded to RUTH FANSHAW WALDO of the class of 1909.

4. BARLOW MEDALS. These medals indicate that the winner has attained the highest rank in scholarship in all studies in the Junior College, i. e. during the first two years of the College Course.

Class of 1908, in the Language Course, Sigrid Charlotte Freeberg. In the Scientific Course, John Henry Schaumloeffel.

5. OSSOLI PRIZE for the best English essay submitted in competition by a student in Adelphi College, was awarded to Alice May Fuller of the class of 1907, for an essay entitled "The American Indian in Literature."

6. ADELPHI COLLEGE Prizes for Essays in Taxation and Municipal Affairs:

Winners of prizes on subjects in Taxation: First Prize, Norma Hoage, '07, for essay entitled "What Constitutes Justice in Taxation." Second Prize, ROBERT GORDON REDLEFSEN, '07, for essay entitled "The Evasion of Taxation," and FANNIE HULL DECKER, '08, for an essay entitled "The Taxation of Franchises. Third Prizes, CHARLOTTE ARLINGTON ULRICH, '07, for an essay entitled "What Constitutes Justice in Taxation," and MARGARET ETHEL BARCLAY, '06, for an essay entitled "What Constitutes Justice in Taxation."

Winners of prizes on subjects on municipal affairs other than taxation: First Prize, BESSIE STANTON, '07, for an essay entitled "State Regulation of Street Railroads." Second Prizes were not awarded. Third Prizes, GERTRUDE ISABEL SAYLER, '07, for an essay entitled "Municipal Indebtedness," and GRACE ETHEL COMMISKEY, '06, for an essay entitled "The Position and Power of a District Leader in New York City Politics."

7. SENIOR HONORS IN SCHOLARSHIPS.

The highest honors in scholarship in the Senior College, i. e., during the last two years of the College Course, were awarded by the Faculty among the members of the graduating class as follows:

Ida May Bähr, Honor in Mathematics; Matilda Anna Breid, Honor in German; Rose Brenner, Honors in History, Latin, Philosophy, and Ethics; Ida Poole Brown, Honors in Philosophy and Ethics; Bertha Chapman, Honors in English and History; Grace Ethel Commiskey, Honors in Biology; Mary Kirk Flagler, Honor in English; Beatrice Goldsmith, Honor in Ethics; Neva Haight, Honor in Ethics; Ida M. Henry, Honor in History; Martha Kobelt, Honor in German; Helen Maria Jackson, Honor in

History; John Joseph McDonald, Honor in Greek; Meta Elizabeth Schutz, Honors in History and Philosophy; Dora Davenport Stone, Honor in Mathematics; Janet Sullivan, Honors in Philosophy and Ethics.

The THIRD ANNUAL CONVOCATION of Adelphi College was held in the Assembly Hall on Friday evening, February 1, 1907, beginning at 8.15. Rev. Dr. William M. Brundage offered prayer. Professor Adelbert G. Fradenburgh of Adelphi College, and Rev. Dr. S. Parkes Cadman delivered addresses.

GIFTS DURING THE YEAR 1906

1. The Normal School Class of 1906 gave two pictures, Sir Galahad and King Arthur, for the adornment of the Study Room of the Normal School.

2. The Students' Association of the Normal School contributed, during the current year, half of the cost of a piano for the Study Room of the Normal School.

3. Mrs. Charles R. Baker gave to the Library of the College a set of White's National Cyclopedia of American Biography, fifteen volumes.

4. The Beta Sigma Chapter of the Kappa Kappa Gamma Fraternity contributed to the College Endowment Fund the sum of three hundred and forty dollars, the proceeds of an entertainment for that purpose.

5. The Junior Class in the study of Economics during the current year purchased and presented to the Library three copies of Plehn's "Introduction to the Science of Finance."

6. Students in the College who belong to the Roman Catholic Church presented to the Library a handsome copy of the Douay version of the Bible.

REGISTER OF STUDENTS IN ADELPHI COLLEGE

1906-1907

Graduate Students

Boole, Emily Robbins, B.A. (Adelphi, '04).	Redmond, Henry Aloysius, B.A. (C. C. N. Y., '04).
Fullerton, Pauline Valentine, B.A. (Smith, '05).	Sands, Edith Melville, B.A. (Adelphi, '05).
Jelliffe, Elizabeth May, B.A. (Mount Holyoke, '02).	Schradiack, Helen Elizabeth, B.A. (Adelphi, '05).
Mohan, Lucy Florence, B.A. (Radcliffe, '03).	Stebbins, Sarah Farnsworth, B.S. (St. Lawrence, '06).—8.

SENIOR COLLEGE

Senior Class

Beavers, Genevieve Winifred	Newton, Helen Gertrude
Bishop, Ethel Annie	Olsen, Carrie Harriette
Boole, Florence Alexander	Redlefsen, Robert Gordon
Broadhurst, Grace Adele	Relf, Marion Florence
Cantor, Blanche Gertrude	Riley, Marietta
Carás, Florentina	Roethgen, N. Louise
Caskey, Ethel Young	Roth, Helen Elizabeth
Coffin, Ivan Robert	Rowlands, Mary Jane
Davis, Jane Hendrickson	Sayler, Gertrude Isabel
Delaney, Lauretta Irene	Shiff, Eva Madeline
Delano, Grace	Shiff, Lilian Oliver
Fish, Alice Reber	Stanton, Bessie
Fuller, Alice May	Steger, Ethel Montgomery
Goddard, Ruth Emily	Stephens, Ada May
Grant, Theresa	Stevens, Elaine
Handrich, Paul Chas. (Feb., 1907)	Swezey, Mabel Kathleen
Hedge, Louise June	Teschmacher, Helen Anna
Isenburger, Selma	Ulrich, Charlotte Arlington
Levy, May	Walsh, Loretto Margaret
Lopez, Blanche Eliska	Welles, Julia Theodora
McCann, Virginia Adelaide	Wendel, Carrie Elizabeth
Meehan, Mary	Whitlock, Lilian Isabelle
Mills, Grace Elizabeth	Williams, Ida May—47
Natelson, Rachel	

Junior Class

Adler, Milton Montague	Hyde, Justus Chauncey
Akerly, Maud Edna	Ireland, Susie Mae
Anderson, Lorentious Olif	Kavanagh, Mary Elizabeth
Artmann, Florentine Emilie	Kelly, Elizabeth Loretta
Brandt, Wilhelmine S.	Keyes, Katharine Mary Agnes
Bunting, Mildred Brantingham	Lafrentz, Olga Lydia
Butsch, Marion Agnes	Lapidge, Alice Harriette
Cardozo, Louis Lopes	Loud, Helen Susan
Carolan, Anna Benedicta	Matteson, Kate L.
Chapple, Louis Albert	Matzdorf, Jennie Marie
Chinnock, Florence Beatrice	McGuire, Loretto
Clark, Leila Cook	Messerle, Eva Louise
Close, Mary Cecilia	Morison, Norma Gray
Commiskey, M. Agnes	Murphy, Florence Shillard
Compton, Frances Denio	Nagle, Regina Alice Holt
Cone, Marion Chappell	Nichols, Ellen Elizabeth
Cuevas, Rosalia del Pilar	O'Donoghue, Lillian Inez
Dahlman, Gertrude	Ogden, Edith
Decker, Fannie Hull	Owen, Lucille Marie
Denham, Sidonie Adele B.	Pell, Rosalie Muriel
Duncan, Mary Ellen	Perkins, Alice
Dunne, Susie Frances	Schaumloeffel, John Henry
Freeberg, Sigrid Charlotte	Schlivinski, Charles
Geiss, Anna Marie Clare	Schnurr, Edith Winifred
Geiss, M. H. Matilda	Starkey, Warren Lafayette
Glass, Ida Anna	Stebbins, Delia A.
Grouse, Irene Edythe	Stevens, Mary Sydney
Halbert, Anna Evelina	Stewart, Evelyn Maud
Haskins, Theresa Howard	Thorne, Beatrice Sara
Hoage, Norma	Unger, Gertrude Newland
Hochart, Marie T.	Vimont, Louise Léonie
Holler, Madeline	Wagner, Elizabeth Dorothy
Hornstein, Ignus Osborne	Walker, Jennie
Hoschke, Louise Margaret, <i>Sp.</i>	Werrey, Edna Mary
Howell, Alfred VanBuren	Wynbladth, Sigrid Victoria—70

JUNIOR COLLEGE**Sophomore Class**

Ahern, Gertrude Edith	Kelly, Isabella
Allaire, Ruth	Kennedy, Alicia Maude
Beckman, Katherine Cooper	Kipp, Ethel Margaret
Blair, Leila Elizabeth	Lindlar, William
Burke, James Joseph	Littell, Geraldine
Burnett, Marguerite Hill	Lyons, Marie Beynon
Burns, Edith Rose	Mashin, Hermina
Carmichael, Anna Mary	McDonald, Beatrice Cecile
Cassin, Edward	Meffle, Emma Louise
Christmas, Frances	Miller, Ernestine
Cinnamond, Helen Christiana	Nevins, Anna Russell
Cleary, Margaret Josephine	O'Keefe, Louise Langley
Commiskey, Marjorie	Powell, Mary Emma
Conway, Sara Frances	Price, Marguerite H.
Corcilus, Josephine	Reilly, Edna Genevieve
Dillon, Emma Pauline	Rosenberg, Nettie
Downs, Josephine Anäis	Rowell, Ella Chapin
Driscoll, Agnes W.	Schradieck, Margaret
Foley, Katharine Elizabeth	Schwenker, Charlotte Elizabeth
Foote, John Paul	Searing, Beulah Catherine
Foster, Mary Havilah	Smith, Martha J.
Francis, Georgie May	Stebbins, Elizabeth Douglas
Frost, Madeleine	Tinney, Mary Catherine
Fulton, Mary Elizabeth	Townsend, Mary Edna
Gorski, Rudolph Henry	Waldo, Ruth Fanshaw
Griswold, Virginia Antoinette	Weeks, Marion Isabel
Guion, Bessie Rose	Wendel, Corinne Rosalys
Haaf, Johanna	Whelan, Catherine B.
Hale, Ella Crittenden	Wickham, Laura Florence
Hawthorn, Mrs. Carrie Augusta	Wilcox, Jessie Eloise
Howell, Ethel May	Wolferz, Helen Amalia
Jaggi, Clara Jennie	Wolferz, Meta Augusta—65
Kaufmann, Clara	

Freshman Class

Aleskowitz, Eva	Krinsky, Max A.
Bamberger, Agnes Louise	Lauder, John, <i>Sp.</i>
Brenner, Charlotte	Lowe, Mary
Brill, Emily Theresa	Macnamara, Elizabeth Frances
Bullwinkel, Anna Cathryn	Mangam, Emily Anna
Burke, Ellen Sophia	Max, William David
Cohen, Bertha	McKechnie, Elizabeth Madeleine
Cook, Caroline Louise	McNamara, Nellie Marie
Crocker, Frances May	Miller, Grace Ethel
Cutter, Marian, <i>Sp.</i>	O'Brien, Eugenie Marie
Donaldson, Frances Marie	Pangborn, Carrie Crawford
Downs, Jennie Hamilton, <i>Sp.</i>	Parvin, Edith May
Erhardt, Helen A.	Pitfield, Hazel Isabel
Figueira, Erene	Pitts, Maude L.
Goddard, Florence Mary	Radenhausen, Paul
Gorman, Regina Mary	Rider, Millicent J.
Halsted, Marguerite	Romer, Laura Mandeville
Harding, Katherine Anna	Rush, Catherine Clare
Harrington, Wilson Hempfield	Russell, Nellie Shirley
Herbst, Edna M.	Sayler, Florence E.
Heyer, Cornelia May	Smith, Eleanor Weir
Holland, Margaret Teresa	Smith, Isabel M.
Homan, Marion Roe	Stephens, Cora Marguerite, <i>Sp.</i>
Jenkins, Elsie May	Sturdevant, Marie Louise
Jessup, Margaret M. A.	Sutphin, Caroline Matilda
Jewell, Marjorie	Wagner, Catherine Frances—53
Kahler, Ida H.	

Unclassified Students

Baker, Edith Irene	Clark, Mary Cecelia Gertrude
Baker, Stella Leonore	Connor, Elizabeth Gilmour
Bidstrup, Gerda	Darbee, Mary Millett
Blaber, Sarah Pauline	Dodge, Mabel Foster
Brown, Adelaide Wells	Dougherty, Genevieve Frances
Bulger, Mary E.	Edel, Elizabeth De Sales
Campbell, Sara G.	Ferguson, Katharine Elizabeth
Cappell, Emma M.	Fitzpatrick, John Stevens
Casey, Catherine T. A.	Fox, Bridget E.
Claffy, Mary E.	Harris, G. Burdette

Hart, Katharine Genevieve
 Hathaway, Anne
 Hefferman, Mary Agnes
 Hubbard, Robert James
 Kelly, Mary Catherine
 Keyes, Frances Clare
 Lawton, Mrs. Ada Antoinette
 Lohman, Ada Louise
 McManus, Grace Agnes
 Mealley, Edith Robinson
 Merryweather, Amelia E.
 Meyenborg, Evelyn Augusta
 Millington, Clara
 Monté, Florence Lester
 Mulranay, Ida
 Neumer, Carolyn Katherine

Norman, Mrs. Engrey Freberg
 Palmedo, Ada Clara
 Parson, Lina Franc
 Reardon, May Magdalen
 Salvesen, Mary
 Stone, Lucy Evelyn
 Sullivan, Margaret Parker
 Taaffe, Rose Agnes
 Tracy, Gertrude Esther
 Walker, Emma
 Weygandt, Mrs. Eva Minnie
 Wilson, Jennie Eton
 Winter, John Joseph
 Woodman, John Freeman
 Woods, Annie L.
 Wright, Florence Mabel—52

Matriculated Students in Extension Courses

Anderson, Teresa C.
 Becker, Johanna L.
 Becker, Moses, Jr.,
 Branstein, William
 Broman, Freda A.
 Childs, Clara Louise
 Clark, Aaron M.
 Donaldson, Isabel M.
 Fausel, Robert E.

Gold, Caroline
 Jenness, Emma Gertrude
 Kiso, Anna
 Kiso, Mary
 Lippner, Simon L.
 Mann, Charlotte Evelyn
 O'Donnell, M. G.
 Phyfe, Effie Janet—17

*This list includes only the students in Extension Courses given by Adelphi College in conjunction with the Brooklyn Teachers' Association, who are candidates for Adelphi degrees.

NORMAL SCHOOL FOR KINDERGARTNERS

Second Year Class

Bolger, Florence Marie	O'Brien, Fanny Sophia
Boyd, Fanny Dean	O'Connor, Josephine Mary
Cole, Carabel	Powell, Grace Bellamy
Donahue, Elizabeth Frances	Randall, Marion Converse, <i>Sp.</i>
Ebeling, Johanne Marie	Rhoads, Grace Wells
Folwell, Beatrice Louise	Richards, Mabel
Havens, Zoretta Ketcham	Rittenhouse, Evelyn Isabelle
Kennedy, Anna Virginia	Roberts, Eva Marie
Kobelt, Rosa	Rowe, Helen Josephine (Feb. 1907)
Laub, Erva Genevieve	Russell, Blanche
Leonard, Edith M.	Smythe, Adele
Loretz, Hortense Satterlee	Southerton, Jessie Melvina
McKeon, Mary Beatty	Wafer, L. Irene
Mills, Grace Elizabeth	Wilcox, Laura Palmer—29
Mitchell, Emma Loretta	

First Year Class

Ackerman, May Belle	Hegeman, Ida C.
Akberg, Jeanette	Hiers, Mary Elizabeth
Barton, Elsie Harris	Hurd, Elizabeth Chapman
Beach, Anna Catharine	Lynch, Margaret Anna
Bessey, Alice M.	McNally, Helen Marie
Blake, Mary Elizabeth	Munger, Edith Frances
Breckwoldt, Helen Pauline	Nelson, Frances Agnes
Brinkman, Blanche Marie	O'Keefe, Angela Marie
Carroll, Frances Cleveland	Orth, Amy Hortense
Casey, A. Dorothea	Pilch, Mabel Alice
Cruikshank, Marion	Pray, Elsie Winslow
Daily, Grace Cooper	Ross, Mildred H.
Delapierre, Ethel Norton	Russell, Rosa Delmonico
DeWitt, Jeraldine Robinson	Taber, Anna Keese
Freer, Ella Warren	Taylor, Sarah Hildegard
Glier, Ethel Lavinia	Westaway, Josephine Elizabeth
Hawes, Evelyn Rochester	Yore, Elizabeth Helen—34

THE SCHOOL OF FINE ARTS

Ablitzere, Alfred George	Kampf, Mrs. A. K.
Acker, Alma	Koepke, Edith May
Adams, Beatrice Lagrave	Lewis, Robert H.
Alcalde, Elvira	Lichtenstein, Ada
Bangs, Catherine Bleecker	Locke, Irene Louise
Belton, William Robert	Lockwood, Bessie
Bertin, Lucille C.	Magnus, Florence Catharine
Bishop, Elsie E.	Mangold, August
Boek, Mrs. Jennie V.	McClees, Douglas
Cartledge, Edith Elise	Moore, Edith Isbell
Comstock, Elizabeth A.	Murray, Hazel A.
Costello, Nellie	Nessel, Frank P.
Dodge, Warrena	Nolty, Helen Coleman
Draper, Edith Harriett	Pfarre, Gertrude P.
Eddy, Beatrice Marie	Reilly, Clara Louise
Eldridge, Enid Laurene	Robinson, Celeste Marguerite
Fiero, Olive Marie	Rosenson, Olga Lena
Franson, Agnes Marie	Schirm, Henry J.
Fraser, May Florence	Selss, Miriam Gertrude
Fulton, Mary Burt	Stirling, Jack
Grieve, Isabel	Stobaugh, Emmy Annette
Harris, Mrs. Alexander R.	Swan, Ruth Pearl
Hazlitt, Henry Stuart	Termini, Joseph A.
Hodgson, Mrs. Lida J.	Towle, Harold Ledyard
Hoffman, Emma	Uhlig, Marie E.
Hunt, Iola Lilian	Whitmore, Olive
Iannelli, Joseph Francis	Zimmerman, Agnes P.—55
James, Mabel Anna	

Normal Course for Art Teachers**Second Year Class**

Hollister, Jessie O.

Smith, Violet Ellen

First Year Class

O'Connell, Dorothy

von Holleuffer, Helen—4

Adelphi Sketch Club

Allen, Elsie

Bailey, M. C.

Bennett, Mary E.

Bliss, Ethel

Brown, M. E.

Burlingame, Charles A.

Coester, Theodore

Dickerson, E.

Downs, Eunice

Dwelle, Vernon

Evans, Mrs. George

Fitzmaurice, Mrs. Charles

Gazan, Charles

Gesswein, Edward W.

Giles, Edith

Henken, J. H.

Hipkins, Rena

Holland, David, *President*.

Klingler, Elmer L.

Kolb, Louis G.

Leitner, Leander

Leitner, Mrs. Leander

Lester, Charles

Liebscher, Gustave

Macoy, May D.

Maske, Grace

McClees, Mrs. Douglas

Morse, Anna G.

Murr, Addie B., *Secretary*.

Ohrist, Max

Olsen, Henry E., *Treasurer*.

Redman, Joseph

Schmidt, Rudolf

Schroeder, Catherine

Shaltock, Albert E., Jr.,

Shindler, W. H.

Speth, John

Steuber, Grace

Tillotson, M.

Uhlig, Marie

Warren, Nadine

Whitmore, Bessie O.

Whittaker, Mrs. J. B.—43

RECAPITULATION

The College

Graduate Students	8
-------------------------	---

SENIOR COLLEGE:

Senior Class	47
Junior Class	70—117

JUNIOR COLLEGE:

Sophomore Class	65
Freshman Class	53—118
Unclassified	52
Extension Courses	17—312

Normal School for Kindergartners

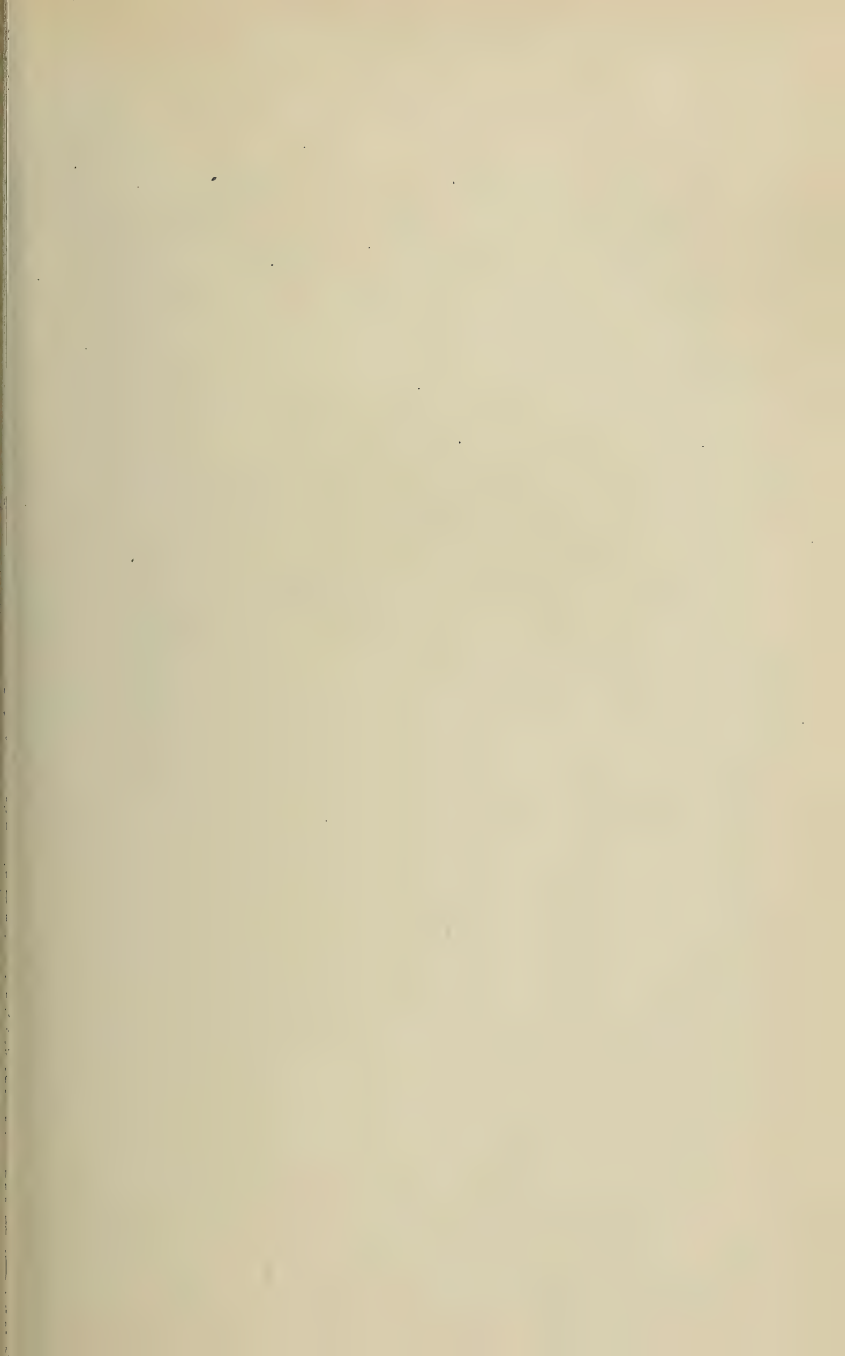
Second Year Class	29
First Year Class	34— 63

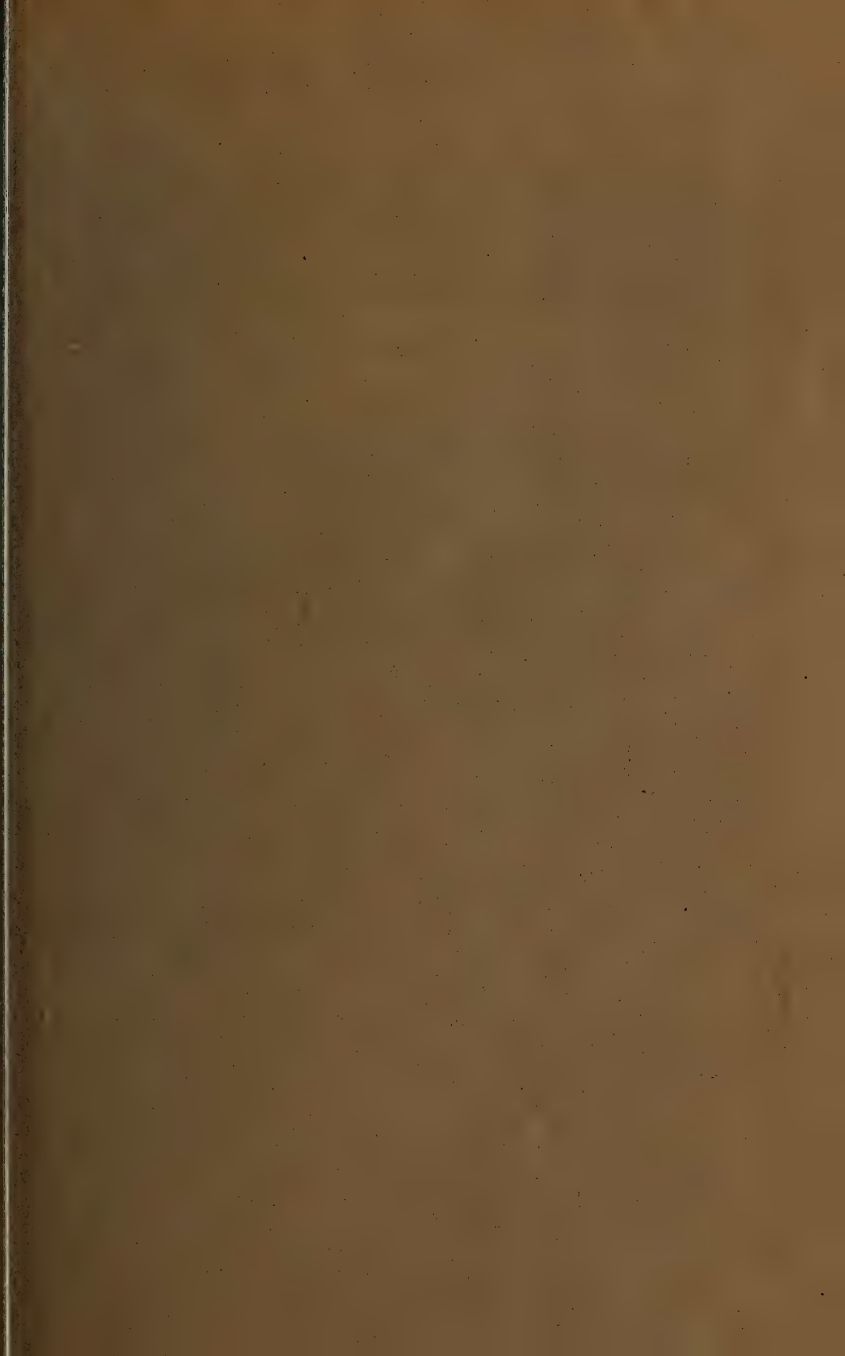
School of Fine Arts

Students in Drawing and Painting	58
Normal Course for Art Teachers	4
Sketch Club	43—105
Total in Adelphi College, 1907	480

INDEX.

	PAGE
Administration, Officers of.....	8
Admission, Terms of.....	16, 17
Admission to Advanced Standing.....	15
Admission, Definition of Requirements for.....	19-23
Alumni Association	9
Art School	53, 54
Barlow Medals	48
Calendar, 1907-1908	2
Car, special, to Adelphi.....	45
Certificates, Junior College.....	11
Commencement, 1906	55, 59
Committees of Faculty.....	9
Convocation, 1907	59
Courses of Study in College, Description of.....	23-43
Degree of Bachelor of Arts, Requirements for.....	10-12
Degree of Master of Arts, Requirements for.....	14
Equipment	45-47
Examinations for Admission.....	17, 18
Expenses	44, 45
Faculty of the College.....	6-8
Faculty of the Normal School.....	50
Gifts to Adelphi, 1906.....	59
Lectures	12, 49
Normal Schools for Kindergartners and Art Teachers.....	50-52, 54
Office Hours	3
Prizes	48, 49
Scholarships	47, 48
Students, Register of, 1906-1907.....	60-67
Summer Session	13
Teachers' Courses	13
Trustees, Board of, Officers and Committees of.....	4, 5





Adelphi College

DIVISIONS AND SCHOOLS

1. Division of History and Philosophy

Degree, B.A.

2. Division of Languages and Literatures

Degree, B.A.

3. Division of Mathematics and Sciences

Degree, B.A.

**4. Normal School for Kindergartners and
Art Teachers**

5. Art School

For full information concerning these five departments,
consult this catalog

6. Adelphi Academy

A thorough Preparatory School. For full information
concerning it, send for the Academy circular

**FOR ALL CATALOGS AND CIRCULARS, ADDRESS
THE REGISTRAR**

ADELPHI COLLEGE, BROOKLYN

7/08

First Series No. 4

May, 1908

ADELPHI BULLETIN

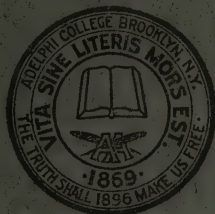
ANNUAL REGISTER WITH
ANNOUNCEMENTS OF THE

Summer Session
and Teachers' Courses

of

ADELPHI COLLEGE

Cat 1907-8 ✓



Published by Adelphi College, Brooklyn-New York

UNIVERSITY OF ILLINOIS

MAR 6 1919

Administrative Building

Adelphi Bulletin

Issued not less than Four times a Year, Between October and June. Application has been made for the admission of this publication as second-class matter at the Brooklyn-New York Post Office under Act of Congress of July 6, 1894.

Calendar 1908-1909

Commencement, Thursday, June 11, 1908.

Summer Session Begins July 6.

Summer Session Ends August 14.

First Semester, 1908-'9, begins Wednesday, Sept. 16.

Registration, Junior College, Sept. 16, 17.

Registration, Senior College, Sept. 18, 19.

Recitations begin Monday, Sept. 21.

Teachers' Courses begin Oct. 3—Oct 9.

Christmas Recess, Dec. 24, 1908—Jan. 3, 1909.

Entrance and Scholarship Examinations, Jan. 21, 22, 23, 1909.

Second Semester begins Tuesday, Feb. 2.

Spring Recess, Apr. 9—Apr. 18.

Commencement, Thursday, June 17, 1909.



Application Blank

Persons expecting to attend the SUMMER SESSION, or TEACHERS' COURSES OF ADELPHI COLLEGE are requested to fill out this blank and return it to the Secretary at their earliest convenience. This application is *not binding in any way*; it merely insures that the person signing it will receive information in regard to the time and place of the organization of the classes.

1. Name in full
2. Home address
3. Place and nature of present employment
4. Date of graduation from secondary school and name of school
5. Studies desired in Teachers' Courses
6. Studies desired in Summer Session
7. Hour preferred

Date 190

Please return this page, when filled out, to "Secretary of the Faculty, Adelphi College, Brooklyn."

ADELPHI COLLEGE

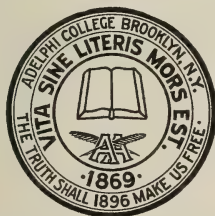
Register of Students, 1907-1908

and

Announcements of Courses of Studies
offered in 1908-1909

including

**The Summer Session of 1908 and
The Teachers' Courses in 1908-09**



Lafayette Avenue, St. James Place
and Clifton Place

BROOKLYN-NEW YORK

PUBLISHED BY THE COLLEGE

1908

Adelphi College. Summer Session

The second annual Summer Session of Adelphi College will begin on Monday, July 6, 1908, and will continue for six weeks. No sessions will be held on Saturdays.

The summer courses are primarily designed for the following classes of students:

(a) Teachers in the public schools who desire advanced instruction and opportunities for research, with or without regard to a degree or professional advancement.

(b) Those who desire to complete entrance requirements or make up deficiencies.

(c) Students who desire to secure additional residence courses in Adelphi College.

The courses given in the Summer Session will be graded in three classes in accordance with the time of class session, viz.: A 30-hour course, value 2 points; a 45-hour course, value 3 points, and a 60-hour course, value 4 points.

No student in the Summer Session will be given credit for more than 6 points.

Relation to the College. All courses, except those designated as preparatory courses, will be accepted by Adelphi College as satisfying part of the requirements for a degree. Courses taken in the Summer Session are given full credit by the New York State and City Departments of Education.

Admission Requirements. No examinations are required for admission to the Summer Session. Courses are open to all persons who are qualified to pursue them to advantage, but persons who desire credit toward a degree for courses successfully completed in the Summer Session must satisfy the entrance requirements before the work may be so credited. The college keeps a permanent record of all work satisfactorily completed in the Summer Session.

Certificates. Each student who satisfactorily completes the work of any course, including a final examination, may receive a certificate testifying to that fact.

Excursions. In connection with the courses in Biology, Economics, and Sociology, trips will be made to points of scientific interest in New York and vicinity. In each of the courses above mentioned, New York offers exceptional opportunities for observation.

Registration. All persons who intend to take courses in the Summer Session are requested to send their applications to the Secretary of the Faculty, if possible, before June 1, 1908. An application blank is inserted in this circular, or may be obtained from the secretary. The schedule will be arranged early in June and will be sent to all who have registered.

Consultation Hours. Those who wish to confer with the officers of the College concerning the Summer Session may call at the Secretary's office (Clifton Place entrance) on Saturday mornings from 9 to 10, or on Monday afternoons, from 4 to 5. The office is also open after Commencement every weekday until the beginning of the Summer Session from 9 to 10 A. M.

Courses Offered in Summer Session, 1908

Department of Education. Educational Psychology, 101; History of Education, 107; Methods of Teaching and School Management, 123; Primary School Methods, 124.

Department of History and Politics. Outlines of Economics, 101; History of the Renaissance, 2; English History, 4; The Ancient Régime and the French Revolution, 101; American History, 1787-1860, 113; The Civil War and Reconstruction, 114.

Department of Sociology. Social Elements, 102; Modern Philanthropy, 103.

Department of English. The History of English Literature in Outline, 2; Victorian Poetry, 110.

Departments of Modern Languages. Elementary German, A and B; Intermediate German, C and D; Elementary French, A and B; Elementary Italian, 1; Elementary Spanish, 1.

Department of Biology. Sanitary Biology, 118; General Botany, 119; General Zoölogy, 120.

Department of Mathematics. Algebra and Plane Geometry (preparatory); Solid Geometry, 2.

A description of each of the above mentioned courses will be found in this circular under the heading "Description of Studies Leading to Degrees."



Teachers' Courses

1908-'09

General Description

Adelphi College offers exceptional opportunities for teachers and other mature persons to obtain the advantages of a college education. The courses for the especial benefit of teachers consist of afternoon, evening, and Saturday morning classes in the prescribed studies of the College curriculum. Teachers may pursue courses which will be accredited toward a degree and at the same time prepare to meet the requirements of the Board of Education for a higher license. For these purposes the City Superintendent accepts all Adelphi College courses, excepting those in the elementary study of a language.

These classes for teachers, whether during the usual academic year or in the Summer Session, are not what are often termed Extension Courses. They are conducted as regular college classes, with all requirements of attendance, recitation, examination, and laboratory work that are imposed upon undergraduate students.

Adelphi Degrees. Adelphi College confers the degrees of B.A. and M.A. The degrees issued by Adelphi College bear the seals of both this College and of the University of the State of New York, and are signed by the State Commissioner of Education, as well as by the officers of the College. Full recognition is given to all Adelphi degrees by the educational authorities of New York State and New York City, and by the leading colleges and universities of the United States.

Admission. Teachers and other mature persons whose qualifications are approved by the Faculty may present themselves for admission by taking the regular entrance examinations, or by submitting to the judgment of the Faculty satisfactory diplomas, certificates, or other evidences of scholastic work done. Certificates of private tutors will not be accepted. Teachers and other mature persons not candidates for a degree

may be admitted to Teachers' Courses as special students, upon the approval of the instructor in charge.

There is no matriculation or registration fee.

Advanced Standing. The College will accept properly authenticated certificates from colleges of high standing. Certificates of work done in summer schools will receive consideration if issued and guaranteed by a college of high standing. Certificates of graduation from normal schools and city training schools should be submitted to the Secretary of the Faculty.

Entrance Deficiencies. Students in the Teachers' Courses, who are candidates for a degree, must make up entrance deficiencies before the beginning of the last year of study.

Examinations. All examinations will be held at the usual time in June or September, or in the last week of the first semester. Special examinations may not be held unless by consent of the Faculty and subject to the conditions prescribed by the Bursar.

Size of Classes. Except by special consent of the Faculty, no instructor shall conduct a class in the Teachers' Courses, unless at least six pupils apply for admission thereto. The Faculty will not permit any class to become so large as to prevent thorough instruction and individual attention.

Prizes and Honors Open to Students in Teachers' Courses

The Ossoli Prize. This prize, having a value of fifty dollars, is offered annually for the best English essay written by a student in Adelphi College. The subjects are announced in May of each year for the competition during the year following, and the results of the competition are announced at Commencement time.

Adelphi College Prizes in Taxation and Municipal Government. Ten prizes, amounting in value to a total of \$500 are of-

ferred for the best essays from Adelphi College students; first, upon some subject in taxation; and, second, for some subject concerning municipal government, exclusive of the topic of taxation. There will be five (5) prizes for essays upon subjects in taxation, and five (5) prizes for essays upon other subjects in municipal government. In each subject there will be a first prize of \$100, two second prizes of \$50 each, and two third prizes of \$25 each.

Honors are awarded at Commencement to those students in the graduating class who have shown unusual excellence in the work of any department during the Senior College Course.

Courses Offered in Teachers' Classes, 1908-'09, with times and places of first sessions of classes

N. B.—The hours mentioned are for *first sessions only*. Permanent hours will be chosen to suit the convenience of both the instructors and the class.

Department of Education. Educational Psychology, 101, October 5, 4 P. M., Room 51; Theory of Education, 108, October 5, 4 P. M., Room 8; Current Problems in the Elementary School, 120, Second Semester; Development of Education in the Nineteenth Century, 120, Second Semester; Kindergarten Principles and Methods, 125, October 5, 4:30 P. M., Room 4; Primary Methods, 126, October 5, 4:30 P. M., Room 5.

Department of History. Medieval History, 1, October 6, 4 P. M., Room 51; History of the Renaissance, 2, Second Semester; History of the Nineteenth Century, 102, October 6, 4:30 P. M., Room 51; American History and Government, 103, 104, October 6, 5 P. M., Room 51.

Department of Sociology. Introduction to Sociology, 101, October 6, 5 P. M., Room 52; Modern Philanthropy, 103, Second Semester.

Department of English. Elizabethan Drama, 3, October 7, 4 P. M., Room 53; The History of English Literature in Outline, 2, Second Semester; The Theory and History of Criticism, 116, Second Semester.

Departments of Modern and Classical Languages. Elementary German, A and B, October 7, 4:30 P. M., Room 77; Intermediate German, C and D, October 7, 4:30 P. M., Room 77; Faust, 105, 106, October 7, 5 P. M., Room 77; Second Year Greek, B, October 7, 4 P. M., Room 52; Greek Philosophy, 1, October 7, 4:30 P. M., Room 52; Homer, 2, Second Semester; Second Year Latin, B, October 7, 5 P. M., Room 51; Freshman Latin, 1, 2, October 7, 4:30 P. M., Room 51; Intermediate French, C and D, October 7, 4 P. M., Room 53; Elementary Italian, A, October 8, 4 P. M., Room 8; Elementary Spanish, 1, October 8, 4:30 P. M., Room 8.

Departments of Sciences and Mathematics. Biology, 118, 119, 120, October 3, 9 A. M., Room 85; General Chemistry, 1, 2, October 3, 9 A. M., Room 80; General Physics, 101, October 3, 9 A. M., Room 70; Electricity and Light, 104, Second Semester; The Teaching of Mathematics, 106, October 9, 4 P. M., Room 51; College Algebra, 9, Second Semester; Differential Calculus, 101, October 9, 4 P. M., Room 52; Integral Calculus, 102, Second Semester.

Each of the above mentioned courses is described in this circular under the heading "Description of Courses Leading to Degrees." Other courses will be given if a sufficient number of students apply for them.

Description of All Studies Leading to Degrees

In numbering the courses, odd numbers are assigned to all studies in the first semester of each year and even numbers to all studies in the second semesters. Courses that are offered primarily as Junior College studies are numbered between 1 and 100. Courses offered primarily as Senior College studies are numbered from 101 upward. Elementary courses in the languages are designated by capital letters, as A, B, C, D.

Figures within parentheses at the end of each paragraph show the semestral point value of the course.

Courses offered in the Summer Session of 1908 are indicated by the letters "S.S."; those offered in the Teachers' Courses of 1908-1909, by the letters "T.C."

Division of History and Philosophy

Department of Economics

Professor FRADENBURGH

Courses 101 and 102 are required of all students in the first year of the Senior College, excepting that they may be optional for those who make the division of History and Philosophy their minor group.

101. OUTLINES OF ECONOMICS. A general introduction to the study of economics with the design to familiarize the student with the fundamental principles of the subject. In addition to the work in the text books, collateral reading is required, especially upon the past and present industrial life in England and the United States. Recitations, discussions, lectures. (3.) (S.S.)

102. ECONOMIC PROBLEMS. Special attention is devoted to the subjects of taxation and municipal economics. Open to students who have taken Course 101. (3.)

103. **ECONOMIC HISTORY.** A study of the evolution of industrial life with special reference to England and the United States. (3.)

104. **THE ECONOMICS OF DISTRIBUTION.** A study of the more recent theories of distribution and their application to practical economics. Open to graduates and especially qualified undergraduates. (3.)

Department of Education

Professor HARVEY, Professor HENDERSON, Dr. BROOME, Miss SCOTT, Miss ROETHGEN, Miss KENT

Students who wish to be admitted to examination for teachers' licenses in New York City should take Courses 101, 102, 107, and 108. Those who wish licenses to teach in elementary schools should take, in addition, Courses 103 and 104. All who wish the College Graduate Professional Certificate issued by the Regents of the State of New York should take Courses 101, 102, 107, 108, and either 103 and 104 or 106. The work may be taken either in the same year or successive years. The latter plan is recommended, and it is suggested that Courses 101 and 102 be first taken. Only thus can Courses 103 and 104, important for elementary teachers, be taken. As a prerequisite to admission to any of the above-mentioned courses in education the student must have completed Courses 1 and 2, or 3 and 4 in the Department of Psychology, or an equivalent.

101. **EDUCATIONAL PSYCHOLOGY.** See Psychology, 107. (3.) Dr. BROOME. (S.S.) (T.C.)

102. **GENERAL METHODS OF TEACHING.** Critical study of the general principles underlying teaching. The course involves observation and criticism of class instruction. (3.) Dr. BROOME.

103 and 104. **CURRICULUM AND METHODS OF TEACHING IN THE ELEMENTARY SCHOOL.** Lectures and conferences, with observation and criticism of class-room work. For each semester. (1.) Dr. BROOME.

106. **SPECIAL METHODS.**

The departments of LATIN, ENGLISH, GERMAN, FRENCH, HISTORY, MATHEMATICS, PHYSICAL EDUCATION and BIOLOGY, offer

courses in the Curricula and Methods of Teaching each of these subjects in the Secondary School. (1.)

107. HISTORY OF EDUCATION. Greek and Roman Education. The leading movements in the history of culture from the appearance of Christianity to the twentieth century and their effects on the schools. (3.) Professor HENDERSON. S.S. by Dr. BROOME.

108. THEORY OF EDUCATION. The relation of education to social life and the part it has played in evolution. Present day problems in education. Lectures, conferences, and reports. (3.) Professor HENDERSON. (T.C.)

109. PRIMARY EDUCATIONAL PRINCIPLES. Discussions, readings, and essays. The purpose of this course is to show Froebel's conception of education through a study of his works and the practical application of his theory to education in the kindergarten. Second year Normal class, first semester, two hours weekly. Tuesdays and Thursdays at 3:45 P. M. Miss SCOTT.

110. THE PRINCIPLES OF EDUCATION. An advanced course in this subject offered especially to students in the teachers' classes. Junior or Senior year, second semester. (4.) Miss SCOTT.

112. FROEBELIAN THEORY AND METHODS. Study of the gifts, games, occupations, stories and nature work, with reference to their adaption to child-nature and its development. Second year Normal, second semester, three hours a week. Professor HARVEY and Miss ROETHGEN.

114, 115, 116. FROEBEL'S PHILOSOPHY in "The Mother Play." First year Normal, second semester, once a week; second year Normal, once a week throughout the year. Professor HARVEY and Miss ROETHGEN.

117 and 118. MODERN HISTORY AND HISTORY OF EDUCATION. This course is designed for Normal students, and involves a study of the chief social and cultural movements of modern history, and of the influence that these movements have exerted upon education. Three hours a week, first year Normal. Dr. FRADENBURGH.

120. CURRENT PROBLEMS IN THE ELEMENTARY SCHOOL. A study of present day issues in regard to the curriculum and

method of teaching in the elementary school. Individual studies, investigations and reports. Second semester. (3.) (T.C.)

121. THEORY OF EDUCATION. The part education has played in evolution. Its function, both in individual development and social life. Evolution of the educational agencies. Lectures, extensive reading, and reports. First semester. (3.) (T.C.)

122. DEVELOPMENT OF EDUCATION IN THE NINETEENTH CENTURY. Sketch of the rise of national systems of education. Modern educational theory from the time of Herbart. Present day problems in education, especially in the United States. Lectures, reports, discussions, and one extended essay. Second semester. (3.) (T.C.)

123. METHODS OF TEACHING AND SCHOOL MANAGEMENT. (A) *Methods*. Critical study of the general principles underlying teaching. Special treatment of the various subjects of the elementary school curriculum. (B) *School Management*. Such topics as the following are included: Seating, School Hygiene, Grading and Promotion, Discipline and Government, Incentives and Devices, Play and Games, Programs, Seat Work and Busy Work, How to Study, Examinations, Tests and Reviews, School Spirit, School and Community, Teacher Improvement, School Room Decoration, etc. Lectures, discussions, and reports. 60 hours. (4.) Dr. BROOME. (S.S.)

124. PRIMARY SCHOOL METHODS. A study of the aims, subject matter, and methods of primary instruction. The relation of the primary grades to the kindergartner and to the grammar grades. (3.) (S.S.)

125. KINDERGARTEN PRINCIPLES AND METHODS. Designed for primary teachers who desire to become acquainted with kindergarten methods, either in order to help them in primary work, or in order to qualify for a kindergarten license. (3.) Miss HARVEY. (T.C.)

126. PRIMARY METHODS. A course designed chiefly for teachers who hold a kindergarten license and who desire to fit themselves to teach the first primary grade. (3.) Miss ROETHGEN. (T.C.)

Department of History and Politics

Professor FRADENBURGH, Professor OSBORN, Assistant Professor BOTH-HENDRIKSEN, Dr TANNER, Mr. PROPER

1. MEDIEVAL HISTORY. The origin and development of feudal society and institutions; the political history of central and southern Europe to the fifteenth century. Required of all students in the first year. (3.) (T.C.)

2. HISTORY OF RENAISSANCE. A study of the social, religious, and political issues of the Renaissance, the fifteenth and sixteenth centuries. Required of all students in the first year. (3.) (S.S.) (T.C.)

3. ENGLISH HISTORY. English history to the execution of Charles I, with special reference to the Tudor period and the Puritan Revolution. (3.)

4. ENGLISH HISTORY. The political and social development of England since the Puritan Revolution. (3.) (S.S.)

101. FRENCH HISTORY. The Ancient Régime and the French Revolution. (3.) (S.S.)

102. HISTORY OF THE NINETEENTH CENTURY. Topical studies in modern history. The age of the settlement of parliamentary government and racial consolidation. (3.) One session a week throughout the year. (T.C.)

103. AMERICAN HISTORY. A topical study of American history from the Colonial period to the "Era of Good Feeling." (3.) (T.C.)

104. AMERICAN HISTORY. The history of the United States from the "Era of Good Feeling" through Reconstruction. (3.) (T.C.)

105. BIBLICAL HISTORY AND LITERATURE. This course will include a history of the Bible, both of the Old and of the New Testaments; manuscript copies; the most important versions; the English Bible; an outline of Jewish history to the Exile, with frequent reference to Jewish institutions, religious, political, and economic. (3.) Professor OSBORN.

106. STUDIES IN THE LIFE OF CHRIST AND IN THE ORGANIZATION OF THE CHRISTIAN CHURCH. An outline of Jewish history

from the Exile to the birth of Jesus Christ. The growth of the Messianic idea. Palestine in the time of Christ. Selected studies in the Gospels. The formation of the Christian Church. (3.) Professor OSBORN.

107 and 108. SEMINAR IN HISTORY. Open to especially qualified Seniors and graduates. Bibliography, reports, historical criticism and discussions. Two hours a week throughout the year. Dr. FRADENBURGH. For the year, (3.)

11 or 111. HISTORY OF ART. Study of the rise and progress of ancient and classic art; the evolution of the fine arts as a natural expression of national development, illustrated by pictures and lantern slides, by lectures with collateral readings, and by visits to galleries. In the first semester the following ground is covered: Architecture and sculpture to the nineteenth century; painting to the thirteenth century, technique, execution, and composition; principles of construction: lintel and arch; the human form in art; scope and limitations of sculpture.

Periods: Egyptian, Assyrian, Persian, Greek, Roman, Byzantine, Romanesque, Ogival or Gothic, Renaissance, Modern. (3.) Assistant Professor BOTH-HENDRIKSEN. (T.C.)

12 or 112. HISTORY OF ART (Continued). In the second semester the work is as follows: Painting from the beginning of the thirteenth century, architecture and sculpture from the beginning of the nineteenth century; critical appreciation of the spirit of painting in various nations, Italy, Holland and Belgium, Germany, Spain, France, England, and the United States; consideration of engraving, etching, mezzotint, lithography, perspective, tone, color, light and shade, touch. (3.) Assistant Professor BOTH-HENDRIKSEN. (T.C.)

113. AMERICAN HISTORY AND GOVERNMENT. A topical study of American history, with special reference to the needs of those who desire to become departmental teachers, or who wish to meet requirements for a higher license. This will be offered as a 60-hour course if a sufficient number of students so desire. (3 or 4.) (S.S.)

114. AMERICAN HISTORY. The Civil War and Reconstruction. This course is open only to those who have completed a college course of not less than sixty hours in American History. (3.) (S.S.)

Department of Philosophy

Professor OSBORN

101. HISTORY OF PHILOSOPHY. A general survey of the thought of both the ancient and the modern world, with special reference to the problems of knowledge. Special attention will be bestowed upon those authors who have made important contributions to the literature of philosophy. Windleband's *History of Ancient Philosophy*, and Falckenberg's *History of Modern Philosophy* will be used as works of reference. First semester and part of the second. (3.)

102. ETHICS. An outline study of the leading ethical theories and of the fundamental principles of morality, and of their application to individual and social life. Text-books: Seth's *Principles* and Fite's *Introduction to Ethics*. Part of the second semester. (3.)

Department of Psychology

Professor HENDERSON, Dr. BROOME, Miss BRUNN

1. LOGIC. The elements of formal logic, deductive and inductive, with a consideration of the nature of judgment. Three hours a week, part of first semester. (2.) Professor HENDERSON.

2. PSYCHOLOGY. Elementary analysis of consciousness. Experimental methods are employed. The course is open only to those who are taking the Sophomore work in biology or who have a general knowledge of the structure and functions of the nervous system in man. Three hours a week, part of first semester and second semester. (4.) Professor HENDERSON.

3 and 4. ELEMENTARY PSYCHOLOGY. Introduction to the study of psychology. First year Normal, three hours a week. Miss BRUNN.

5 or 105. PSYCHOLOGY OF THE CHILD. The study of instinct in its relation to the development of the child, and its expression in more or less definite stages of physical and mental growth. The more recent methods and results of the study of children. Second year Normal, first semester, three hours a week. Senior College option also. (3.) Professor HENDERSON.

6 or 106. APPLICATIONS OF PSYCHOLOGY. The data of psychology as a basis for teaching in primary grades. Illustrations designed to show the connection between the work of the kindergarten and of the primary teacher. Second year Normal, and Senior College option, second semester, three hours a week. (3.) Professor HENDERSON.

107. EDUCATIONAL PSYCHOLOGY. The development of mental functions during infancy and childhood. Critical study of educational practices from the points of view of analytical, and experimental psychology. (3.) Dr. BROOME. (S.S.) (T.C.)

Department of Sociology

Assistant Professor MACLEAN

2. PRACTICAL SOCIOLOGY. A study of population and social organization, with suggestions for constructive work, designed particularly to meet the needs of kindergartners. Normal course. (3.)

101. INTRODUCTION TO SOCIOLOGY. This course is designed to afford a synthetic view of social phenomena, and to furnish the student with a scientific method for the study of ordinary human association and fundamental social problems. (3.) (T.C.)

102. SOCIAL ELEMENTS. The purpose of this course is to show the connection between the different elements that make up society, and to study particularly the family, industrial society, and the constructive educational and religious forces at work. (3.) (S.S.)

103. MODERN PHILANTHROPY. A study of the nature and origin of the dependent and defective classes; principles and methods of relief; organization and management of State institutions. (3.) (S.S.) (T.C.)

104. CRIMINAL SOCIOLOGY. A study of the causes, nature and treatment of crime, the principles of criminal anthropology, criminal jurisprudence and penology. (3.)

105. ADVANCED SOCIOLOGY. A critical study of sociological theory. Open to graduates and especially qualified undergraduates. First semester. (3.)

107 and 108. SEMINAR. Open to graduates and especially qualified undergraduates. Two hours a week throughout the year. For the year. (3.)

Division of Languages and Literatures

Department of Elocution

1 and 2. Individual work in this department is required of each student in the Junior College, and is optional in the Senior College. Assistant Professor MACFARLANE.

Department of the English Language and Literature

Professor GREENLAW, Dean SWEENEY, Miss DELANO

1. RHETORIC AND COMPOSITION. A course in theme writing, with frequent conferences. Required of all students in the first year of the Junior College and of all candidates for a degree. (3.) Assistant Professor SWEENEY and Miss DELANO.

2. THE HISTORY OF ENGLISH LITERATURE IN OUTLINE. The course is designed as a preparation for more detailed work in other courses. A brief manual is used, together with selections illustrating the historical development of English literature. Conferences and reports. Required of all students in the first year of the Junior College and of all candidates for a degree. (3.) Professor GREENLAW and Miss DELANO. In the Summer Session this course will be so modified as to meet the requirements for teachers' examinations for a higher license. In Teachers' Courses this course is offered in every third year.

3. THE ELIZABETHAN DRAMA. Marlowe, Shakspeare, Jonson, with some account of the development of the drama in the sixteenth century. Supplementary reading and reports. (3.) Professor GREENLAW and Miss DELANO.

4. ENGLISH LITERATURE IN THE SEVENTEENTH CENTURY. From the accession of James to the death of Milton (1603-1674). The decadence of the drama; Milton and his contemporaries; the development of prose to the Restoration. (3.) Professor GREENLAW and Miss DELANO.

6 or 106. AMERICAN LITERATURE. From the beginning to the present time. Open to all students in either College who have had courses 1—3, or their equivalent. (3.)

(Omitted 1908-1909.)

101 and 102. ENGLISH COMPOSITION: ADVANCED COURSE. Designed for students who have passed in English 1, with a mark higher than C. The course may be elected for two years. (1.)
Professor GREENLAW.

103. NON-DRAMATIC LITERATURE OF THE ELIZABETHAN PERIOD. Spenser and his contemporaries; the Elizabethan novel. (3.)
Professor GREENLAW.

(To be given in 1908-1909 and in alternate years.)

105. CLASSICISM. English literature from the death of Milton to the death of Pope (1674-1744). Dryden, Pope, and their contemporaries; Swift, Addison, and the history of prose. (3.)
Assistant Professor SWEENEY.

(Given in 1907-1908 and in alternate years.)

107. THE LATER EIGHTEENTH CENTURY. English literature from the death of Pope to the Lyrical Ballads (1744-1798). The decline of classicism; the beginning of the Romantic movement. Gray, Cowper, Burns, Crabbe, Blake; the English novel in the eighteenth century. (3.)

(Omitted 1908-1909.)

108. THE ROMANTIC TRIUMPH (1798-1830). Wordsworth, Coleridge, Byron, Scott, Shelley, Keats; the development of fiction. (3.)

(Omitted 1908-1909.)

109. VICTORIAN PROSE. The essay from Carlyle to Stevenson; Eliot, Thackeray, Dickens, and their contemporaries. (3.)
Assistant Professor SWEENEY.

110. VICTORIAN POETRY. Tennyson, Browning, Arnold, Rossetti, Swinburne, Morris. (3.) Assistant Professor SWEENEY.
S.S. by Professor GREENLAW. This course in the Summer Session deals with special problems in the later Romantic movement.

111. ANGLO-SAXON. An elementary course, using Bright's *Anglo-Saxon Reader* as a basis. The object is to give a reading

knowledge of the language and some appreciation of the literature. (3.) Professor GREENLAW.

112. BEOWULF. A continuation of English 111. (3.) Professor GREENLAW.

Courses 111 and 112 are offered in 1909-1910 and in alternate years.)

113. CHAUCER. An introduction to Middle English. A considerable portion of the Canterbury Tales will be read, and, if time permit, some selections from Chaucer's other works. (3.) Professor GREENLAW.

114. MIDDLE ENGLISH. Supplementary to Course 113. The history of English literature, 1200-1557, with selections from ballads, romances, the drama, and other literature. (3.) Professor GREENLAW.

(Courses 113 and 114 are given in 1908-1909 and in alternate years.)

115. THE ENGLISH NOVEL. The history of the novel is traced rapidly from the sixteenth to the mid-eighteenth century, but the main stress of the course is upon the development of English prose fiction from Richardson to the present time. (3.)

(Omitted in 1908-1909.)

116. THE THEORY AND HISTORY OF CRITICISM. An examination of critical theory, as presented by Plato, Aristotle, Sidney, Ben Jonson, Dryden, Pope, Boileau, Addison; the more important nineteenth century critics in England and in France. (3.) (T. C.) Assistant Professor SWEENEY.

117. THE TEACHING OF ENGLISH IN ELEMENTARY AND SECONDARY SCHOOLS. Professor GREENLAW.

151 and 152. SEMINAR. Open only to graduates and to properly qualified undergraduates. The topics for 1908-1909 will be drawn from the literature of the seventeenth century. (3.) Professor GREENLAW.

Department of Germanic Languages and Literatures

Professor COAR

GERMAN A. ELEMENTARY COURSE. This course is intended for students who have not presented German for admission and

have no previous knowledge of the language. Elements of grammar, reading, writing. German A will count toward the degree only if credit is obtained for German B. First semester. (3.) (T.C.) (S.S.)

GERMAN B. ELEMENTARY COURSE (Continued). Review of the elements of grammar; dictation based on the reading; frequent short themes in German. A large amount of easy German prose will be read. Open to students who have credit for Course A, or who have studied the language for one year in an accredited preparatory school. German A and B will remove an entrance condition in Elementary German. Second semester. (3.) (T.C.) (S.S.)

GERMAN C. INTERMEDIATE COURSE. Rapid review of the elements of grammar; syntax; dictation, short themes based on the reading; prose writers of the nineteenth century. Open to students who have credit for German A and B, or who present Elementary German for admission. First semester. (3.) (S.S.)

GERMAN D. INTERMEDIATE COURSE (Continued). Special problems of grammar; syntax; dictation, short themes based on the reading. Lessing, *Minna von Barnhelm*; Schiller, *Wilhelm Tell*; Goethe, *Hermann und Dorothea*. Collateral reading from selected work on German history. Open to students who have credit for Course C, or, under certain conditions, to students who enter at mid-year and have credit for Elementary German on admission. German C and D will remove an entrance condition in Intermediate German, or will count toward the degree for all students who do not offer Intermediate German on admission. Second semester. (3.) (S.S.)

1. INTRODUCTION TO GERMAN LITERATURE. Goethe, *Dichtung und Wahrheit* (selections), *Götz von Berlichingen*, *Gedichte* (selections). Rapid reading, dictation, short themes, conferences. Collateral reading from Francke's *History of German Literature*, Bielschowsky's *Goethe*, and standard works of German history. Open to students who have credit for German D or who present Intermediate German on admission. (3.)

2. INTRODUCTION TO GERMAN LITERATURE. Schiller, *Don Carlos*, *Wallenstein*, *Gedichte* (selections); rapid reading, dictation, short themes, conferences. Collateral reading from Hettner's *Die deutsche Litteratur im 18. Jahrhundert*; Hillebrand's *Zeiten*

Völker und Menschen; Harnack's *Schiller*; Brahm's *Schiller*. Open to students under the same conditions as German 1. (3.)

3. GOETHE. A study of the life and works of Goethe previous to his friendship with Schiller, *Egmont*, *Iphigenie*, *Torquato Tasso*. Monthly themes in German and English, and a semestral essay in English. A considerable amount of collateral reading will be required. Students will be provided with a syllabus of the course at the beginning of the semester. Open to students who have credit for German 2. (3.)

4. SCHILLER. A study of the life and works of Schiller, with some reference to Goethe; *Maria Stuart*, *Die Jungfrau von Orleans*, *Die Braut von Messina*. Monthly themes in German and English, and a semestral essay in English. A considerable amount of collateral reading will be required. Students will be provided with a syllabus of the course at the beginning of the semester. Open to students who have credit for German 1 and 2, or German 3. (3.)

101. LESSING. A study of the critical and dramatic works of Lessing, with some reference to Herder, Goethe, Schiller, and to German, French and English literature and esthetic criticism of the eighteenth century. Monthly reports and semestral essay. The course is open primarily to students enrolled in the "Teachers' Courses" who have credit for German 1 and 2. A syllabus of the course will be provided at the beginning of the semester. (3.)

103. GERMAN LITERATURE IN THE FIRST HALF OF THE NINETEENTH CENTURY. Romanticism and the romantic ideals of art and life; Kleist, *Der Prinz von Homburg*; Grillparzer, *Sappho*; Heine, *Buch der Lieder*. A considerable amount of collateral reading will be required. Monthly themes in English and German, and a semestral essay in English. Students will be provided with a syllabus of the course at the beginning of the semester. Primarily for students in Senior College who have credit for German 2 and for German 3 or 4. (3.)

104. GERMAN LITERATURE IN THE SECOND HALF OF THE NINETEENTH CENTURY. Realism, naturalism, mysticism. Ludwig, *Die Makkabäer* or *Der Erbförster*; Hebbel, *Herodes und Mariamne*; Sudermann, *Heimat*; Hauptmann, *Die versunkene Glocke*. A considerable amount of collateral reading will be required.

Monthly themes in English and German, and a semestral essay in English. Students will be provided with a syllabus of the course at the beginning of the semester. Open to students under the same conditions as German 103, or to students who have credit for German 103. (3.)

105. *GOETHE'S FAUST, PART I.* A critical study of the drama and of Goethe's philosophy of life. Open only to students in Senior College who have credit for German 3 and 4, or 101. (2.) (T.C.)

106. *GOETHE'S FAUST, PART II.* A critical study of so much of Part II as is important for an exposition of Goethe's conception of "beauty." Open only to students in Senior College who have credit for German 105. (2.) (T.C.)

111. *DER DEUTSCHE AUFSATZ.* A study in good style and practice in writing German essays. The course will be conducted in German. Open only to students in Senior College who have credit for three of the following courses: German 3, 4, 101, 103, 104. (1.)

112. *DER DEUTSCHE AUFSATZ* (Continuation of German 111). Open to students on the same conditions. German 111 and 112 are a requirement for honors in German. (1.)

113. *HISTORY OF THE GERMANIC LANGUAGES.* Phonology; consonants and vowels; the relation of modern German to modern English. This course is intended for students who purpose to teach German. Open only to students in Senior College who have credit for six of the following courses: German 1, 2, 3, 4, 101, 103, 104. (1.)

114. *HISTORY OF THE GERMAN GRAMMAR.* Etymology; prefixes and suffixes; declensions and conjugations; special problems in grammar and syntax. Open only to students in Senior College who have credit for German 113. (1.)

Department of the Greek Language and Literature

Assistant Professor REES

1. *GREEK PHILOSOPHY.* Plato, The Apology and Crito, with selections from the Phædo, Phædrus, Gorgias, Republic. Study of style and philosophic content. (3.) (T. C.)

2. HOMER. Selections from the later books of the *Iliad*, or of the *Odyssey*; discussion of the authorship of the poems; explanations of Homeric forms and syntax. (3.) (T.C.)

3. THE GREEK DRAMA. Its rise and development; one tragedy of Euripides, The Clouds of Aristophanes. (3.)

4. One tragedy of Sophocles, and one of Aeschylus, with a summary of the other tragedies, and a study of the career of these poets. (3.)

101. Herodotus: History of the Persian Wars; The Persians of Aeschylus. (3.)

102. Thucydides: The Sicilian Expedition, with selections from the other books. (3.)

103. Demosthenes: Oration on the Crown; Aeschines: Against Ctesiphon; selections from the other orators. (3.)

104. GREEK LYRIC POETRY. Odes of Pindar and Bacchylides; selections from Theocritus and Hesiod. (3.)

106. A study of Greek life as revealed in the monuments and remains of Greece, Sicily and Crete; illustrated by lantern slides. (3.)

107 and 108. GREEK COMPOSITION. (1.)

109 and 110. A review of the principles of Greek grammar. One hour a week during the year. Both semesters together. (1.)

NOTE.—Classes will be formed in Elementary Greek when sufficient numbers apply. A class in second year Greek will be given in Teachers' Courses in the year 1908-1909.

Department of the Latin Language and Literature

Professor SANFORD

1. Cicero: De Senectute and De Amicitia; Latin composition based on the Amicitia. (3.) (T.C.)

2. Horace: Selected odes and epodes; lectures on the Augustan Age. (3.) (T.C.)

3. The Captivi of Plautus, the Andria of Terence, and one other play of either Plautus or Terence. (3.)

4. Catullus: Selected odes; Lucretius: Selections from books I, III, V. (3.)

101. The *Agricola* and the *Germania* of Tacitus; selected letters of Pliny. (3.)

102. Selected satires of Juvenal; the Dialogue of Tacitus. (3.)

103. Martial: Selected epigrams; selections from various prose writers of the Empire (Seneca, Quintilian, Petronius and others). (3.)

104. Selections from the Elegiac poets. Selections from various prose writers and poets of the Empire (Suetonius, Tacitus, Lucan and others). (3.)

105 and 106. Elementary Latin composition. (1.)

107 and 108. Advanced Latin composition. (1.)

109 and 110. Review of the principles of Latin grammar. One hour a week during the year. Both semesters together. (1.)

111 and 112. Livy: Selections from Books I, XXI, XXII. (1.)

NOTE.—Classes in Elementary Latin will be formed when sufficient numbers apply. A class in second year Latin will be given in Teachers' Courses in the year 1908-1909.

Department of Romance Languages and Literatures

1. FRENCH

PROFESSOR KERR, MISS BEARD

A. ELEMENTARY COURSE. Open to students who did not offer French at entrance. Thorough study of the essentials of grammar and syntax; dictations; translation from English into French; attention will be paid to the acquisition of an accurate pronunciation; reading of easy modern prose.

Fraser and Squair, *French Grammar*; Laboulaye, *Contes Bleus*. (3.) (S.S.)

NOTE.—No credit toward the degree of B.A. will be given for Course A, unless Course B is also satisfactorily completed.

B. ELEMENTARY COURSE (Continuation of A). Pre-requisite, French A or its equivalent.

Fraser and Squair, *French Grammar*; Cameron, *Elements of French Composition*; Lesage, *Gil Blas*; George Sand, *La Mare au Diable*; Labiche, *La Poudre aux Yeux*; Merimée, *Colomba*. (3.)

C. READING, GRAMMAR AND COMPOSITION. Pre-requisite, Elementary French at entrance, or French A and B, or equivalents.

Fraser and Squair, *French Grammar*; Cameron, *Elements of French Composition*; De la Brète, *Mon Oncle et Mon Curé*; Loti, *Le Pêcheur d'Islande*; Dumas, *Les Trois Mousquetaires*; Sandeau, *Mademoiselle de la Seiglière*; outside reading. (3.) Miss BEARD. (T.C.)

D. READING, GRAMMAR AND COMPOSITION (Continuation of C). Pre-requisite, Elementary French at entrance, or French A and B, or French C, or equivalents.

Review of grammar; composition on books read; Lamartine, *Graziella*; About, *Le Roi des Montagnes*; Hugo, *Quatre-vingt-treize*; Pailleron, *Le Monde où l'on s'ennuie*; outside reading. (3.) Miss BEARD. (T.C.)

1. INTRODUCTION TO FRENCH LITERATURE. Pre-requisite, intermediate French at entrance, or French C and D, or equivalents.

Molière, *Le Bourgeois Gentilhomme*, *L'Avare*; Racine, *Athalie*; Hugo, *Notre Dame de Paris*; grammar review; dictations; themes in French; conferences; collateral reading. (3.)

2. INTRODUCTION TO FRENCH LITERATURE (Continuation of 1). Pre-requisite, Intermediate French at entrance, or French C and D, or French 1, or equivalents.

Balzac, *Cinq Scènes de la Comédie Humaine*; de Vigny, *La Canne de Jonc*; Augier, *Le Fils de Giboyer*; Taine, *L'Ancien Régime*; grammar review; dictations; themes in French; conferences; collateral reading. (3.)

3. PROSE AND POETRY IN THE SEVENTEENTH CENTURY. The work covered in this course is meant to serve as an introduction to the non-dramatic literature of the classic period.

Selections from Descartes and Pascal, from Laroche-foucauld, *Les Maximes*; and from La Bruyère, *Les Caractères*; Bossuet, *Oraisons Funèbres* (Henriette-Anne d'Angleterre); Madame de Lafayette, *La Princesse de Clèves*; Madame de Sévigné, *Lettres* (selected); La Fontaine, *Fables Choiesies*; conferences; collateral reading, essays and reports. (3.)

4. CLASSIC DRAMA. A study of the three great dramatists of the seventeenth century; conceptions of life and theories of art in the age of Louis XIV.

Molière, *Les Précieuses Ridicules*, *Tartuffe*, *Le Misanthrope*, *Les Femmes Savantes*; Corneille, *Le Cid*, *Polyeucte*; Racine, *Andromaque*, *Phèdre*; conferences; collateral reading, essays and reports. (3.)

101. FRENCH LITERATURE IN THE EIGHTEENTH CENTURY.

Lesage, *Turcaret*; Piron, *La Métromanie*; Marivaux, *Le Jeu de l'Amour et du Hasard*; Sedaine, *Le Philosophe sans le savoir*; Beaumarchais, *Le Barbier de Séville*; Voltaire, *Contes choisis*, *Zaire*, *Mérope*; Rousseau, *Brunel's Extraits*.

The collateral reading will mostly be concerned with Voltaire and Rousseau; conferences; in connection with this work essays and reports will be required. (3.)

102. FRENCH LYRIC POETRY.

A topic study of lyric poetry in France, beginning with Charles d'Orleans and continuing down to the present day. The development of the *genre* will be carefully traced, but the bulk of the course will be devoted to the poets of the nineteenth century. Outside reading; conferences; essays and reports. (3.)

103. EARLY NINETEENTH CENTURY LITERATURE. The Romantic movement in France.

Chateaubriand, *Atala*; Hugo, *Hernani*, *Ruy Blas*; Delavigne, *Louis XI*; Balzac, *Eugénie Grandet*; de Musset, *Fantasio*, *on ne badine pas avec l'amour*, *Il faut qu'une porte soit ouverte ou fermée*; Ponsard, *Charlotte Corday*; conferences; collateral reading, essays and reports. (3.)

(To be omitted in 1908-1909.)

104. LATER NINETEENTH CENTURY LITERATURE. Literary tendencies of the past fifty years.

Flaubert, *Salamambo*; Zola, selections; France, *Crime de Sylvestre Bonnard*; Renan, *Souvenirs d'Enfance et de Jeunesse*; Rostand, *Cyrano de Bergerac*; conferences; collateral reading, essays and reports. (3.)

(To be omitted in 1908-1909.)

105 and 106. HISTORICAL GRAMMAR. In connection with a reading of the *Chanson de Roland*, *Aucassin et Nicolette*, and, if time permit, another selected text, a study will be made of elementary historical French phonology and morphology.

Admission to this course is restricted to advanced students, who have had a minimum of three years of College French, or who can otherwise satisfy the instructor of their fitness profitably to pursue the course.

Both semesters, once a week; credit for the year (3).

(To be omitted in 1908-1909.)

2. ITALIAN.

Miss CUEVAS

1. ELEMENTARY COURSE. Grandgent's *Italian Grammar*; elementary exercises in writing Italian; reading of easy modern prose, as contained in Bowen's *Italian Reader*. (3.) (S.S.) (T.C.)

NOTE.—No credit toward the degree of B.A. will be given for Course 1, unless Course 2 is also satisfactorily completed.

2. ELEMENTARY COURSE (Continuation of 1). Open to students with credit for Course 1 or its equivalent. Grammar and composition continued; reading of modern novels and plays. (3.) (S.S.) (T.C.)

3. SPANISH

Miss CUEVAS

1. ELEMENTARY COURSE. Hill's and Ford's *Spanish Grammar*; elementary exercises in writing Spanish; reading of easy modern prose. (3.) (S.S.) (T.C.)

NOTE.—*No credit toward the degree of B.A. will be given for Course 1 unless Course 2 is also satisfactorily completed.*

2. ELEMENTARY COURSE (Continued). Open to students having credit for Course 1 or its equivalent. Grammar and composition continued; special attention is paid to idioms and colloquialisms as used in Central and South America; reading of modern prose. (3.)

3 and 4. INTRODUCTION TO SPANISH LITERATURE. Pre-requisite, Spanish 1 and 2 or their equivalents. Themes in Spanish; reading of representative masterpieces of seventeenth, eighteenth and nineteenth centuries; outlines of Spanish literary history. Each semester. (3.)



Division of Sciences and Mathematics

Department of Astronomy

2. ASTRONOMY, DESCRIPTIVE, PHYSICAL AND HISTORICAL. Senior year, all courses. (3.) Professor PECKHAM.

Department of Biology

Professor GAINES, Dr. PETTIT

1. GENERAL BIOLOGY. The practical study of a number of significant and typical animal and plant forms. A single course designed for those who wish to gain some knowledge of fundamental biological phenomena. First year Normal, first semester; college option also. (3.)

2. ZOÖLOGY AND BOTANY FOR KINDERGARTNERS. Material especially adapted to nature work with children. First year Normal. (3.)

3. BOTANY: COMPARATIVE MORPHOLOGY AND PHYSIOLOGY OF CRYPTOGAMS. Three hours a week, with two hours of laboratory work. (3.)

4. AECOLOGY, MORPHOLOGY AND PHYSIOLOGY OF THE FLOWERING PLANTS. Recitations and laboratory work, as above. (3.)

101. INVERTEBRATE ZOÖLOGY. Comparative study of the anatomy of representatives of the principal groups of invertebrates. Three hours a week, with two hours of laboratory work. (3.)

102. COMPARATIVE ANATOMY OF VERTEBRATES. Senior College. Recitations and laboratory work, as above. (3.)

103. HUMAN PHYSIOLOGY. Designed for students expecting to teach Biology in Grammar and High Schools. Open to students in either college. (3.)

104. BACTERIOLOGY AND SANITARY SCIENCE. The study of bacteria, yeasts, molds, and their application to the affairs of daily life. Drinking water and sewage as vehicles of disease; public supplies of water, ice, food. (3.)

105 and 106. **PHYSIOLOGY AND HYGIENE.** A course arranged especially for those who wish to understand physical education. Each semester. (3.) Dr. PETTIT.

107 and 108. **HUMAN ANATOMY.** Required of all students who wish to become teachers of physical education. Each semester. (3.) Dr. PETTIT.

109 and 110. **ANTHROPOMETRY AND PHYSICAL DIAGNOSIS.** Each semester. (1.) Dr. PETTIT.

118. **SANITARY BIOLOGY.** Ancient and modern theories of disease; the germ disease and its sanitary applications; immunity; practical disinfection; public supplies of water, ice, food; methods of garbage removal and sewage disposal; school sanitation; sanitary legislation at home and abroad; vital statistics; the various applications of sanitary science to home life; laboratory work; the study of bacteria, yeasts, moulds; visits to the laboratories of the Department of Health of New York City. (3.) (S.S.) (T.C.)

119. **GENERAL BOTANY.** Comparative morphology and physiology of the cryptogams; ecology, morphology and physiology of the flowering plants. (3.) (S.S.) (T.C.)

120. **GENERAL ZOÖLOGY.** Comparative study of the anatomy of the principal groups of invertebrates; comparative anatomy of vertebrates. (3.) (S.S.) (T.C.)

Department of Chemistry

Professor SHARE

1 and 2. **GENERAL CHEMISTRY.** (a) First semester. *Chemistry of the non-metals:* Physical and chemical change; laws of chemical combinations; theory of solutions; thermo-chemistry; principles of chemical nomenclature; periodic law; families of non-metals; problems; laboratory manipulations. (b) Second semester. *Chemistry of the metals:* Distribution of metallic ores; general methods for the preparation of metallic compounds; methods of reduction; study of individual metals; uses of metals and their compounds; alloys. Short introduction to organic chemistry. Three hours a week. Laboratory, two hours a week. Each semester. (3.) (T.C.)

3 and 4. **QUALITATIVE ANALYSIS.** (a) First semester. Tests for the metals; tests for the acid radicals; study of schemes for the separation and recognition of the metals and acid radicals. (b) Second semester. Analyses of simple salts; analyses of solutions and mixtures of solids, commercial products, alloys, soils, etc. Three hours a week; laboratory, four hours a week. Each semester. (3.)

101 and 102. **QUANTITATIVE ANALYSIS.** (a) First semester. Preliminary course on analysis of compounds of known composition; use of the balance; calibration of measuring instruments; general methods of volumetric and colorimetric analysis. (b) Second semester. General course on the analysis of ores and commercial products; analyses of gases; analyses of waters; assays of gold, silver and other ores; electrolytic methods of analysis. Three hours a week; laboratory, five hours a week. Each semester. (3.)

103 and 104. **ORGANIC CHEMISTRY.** Methane derivatives; benzene derivatives; organic analysis; laboratory practice in the preparation of organic substances. Seven hours a week, lectures and laboratory. Each semester. (3.)

105 and 106. **TECHNICAL OR APPLIED CHEMISTRY.** Processes for the manufacture of commercial products; advanced methods of quantitative analysis; food analysis. Seven hours a week; lectures and laboratory. Each semester. (3.)

Department of Geology

Professor SHARE

101. **GEOLOGY.** General course; dynamic, structural, and historical. (3.)

102. **ECONOMIC GEOLOGY.** Distribution and utilization of ore deposits, building stone, etc. (3.)

Department of Mathematics

Professor BOWDEN, Mr. NELSON

MATHEMATICS C and D. A thorough review in elementary algebra and plane geometry, intended for those who have some

knowledge of these subjects, but need preparation for examinations. Offered only in Summer Session. No college credit allowed for this course.

1. **THEORY OF NUMBERS.** A course in the fundamental principles of arithmetic and algebra, with an outline of the logical principles chiefly used in mathematics, intended to supplement the high school work in algebra, and to give the student a firm foundation for his future study of mathematics. (3.)

2. **SOLID GEOMETRY.** The usual demonstrative work, with numerical applications of the formulas derived. (3.) (S.S.)

3. **MECHANICAL DRAWING.** Construction of problems in geometry, orthographic and isometric projections, plans, sections, and elevations of machines and architectural parts, blue prints, lettering, freehand drawing. (2.)

4. **ADVANCED MECHANICAL DRAWING.** More advanced work of a similar nature to that in the preceding course. (2.)

5. **TRIGONOMETRY.** The trigonometric functions will be defined as ratios of lines. From these definitions will be derived geometrically and analytically the ordinary formulas. This work will be followed by the solution of triangles, both plane and spherical, with the use of logarithms and applications to the measurement of heights and distances, to astronomy, and to navigation. (3.)

8. **ANALYTIC GEOMETRY.** The equations of the straight line, circle, parabola, ellipse, hyperbola, and a few of the simpler higher plane curves, with an introduction to solid analytic geometry. (3.)

9. **ALGEBRA.** The binomial theorem, permutations, combinations, chance, logarithms, continued fractions, series, undetermined coefficients, determinants, theory of equations, solution of numerical equations. (3.) (T.C. during second semester.)

21. **DESCRIPTIVE GEOMETRY.** Orthographic projection of points, lines and surfaces, the intersection of lines and surfaces, spherical projections, shades and shadows, linear perspective, isometric projections. (3.)

22. **SURVEYING.** Recitations and lectures on the principles and practice of surveying, adjustment of instruments, practice

surveys, levels and topographical work, computations based upon data thus derived. (3.)

101. DIFFERENTIAL CALCULUS. Simple and successive differentiation of functions, expansion of functions in series, evaluation of indeterminate forms, curve tracing, maxima and minima. (3.) (T.C.)

102. INTEGRAL CALCULUS. Derivation of formulas, calculation of lengths and areas of curves, areas and volumes of solids of revolution; solution of simple differential equations. (3.) (T.C.)

103. PROJECTIV GEOMETRY. Ranges, flat pencils, axial pencils, sheaves of lines and planes, perspective, duality, harmonic figures, projectiv figures, anharmonic ratios. (3.)

104. ADVANCED PROJECTIV GEOMETRY. Projectiv forms in relation to the conic sections, Pascal's and Brianchon's Theorems, poles and polars, diameters, polar reciprocal figures. (2.)

106. THE TEACHING OF MATHEMATICS. A study of the methods of the past and present, with an outline of the history of mathematics. Two hours to count as 1 point. (3.) (T.C. during first semester.)

107. VECTOR ANALYSIS. Addition, subtraction and multiplication of vectors, the differential and integral calculus of vectors, with applications to geometry and mechanics. (3.)

108. ANALYTICAL MECHANICS. Laws of motion, composition and resolution of forces, friction, virtual velocities, machines, central forces, constrained motion, impact, work and energy, center of gravity, moment of inertia, rotary motion. (3.)

110. THEORY OF FUNCTIONS. Functions of a real and of a complex variable, algebraic and transcendental functions, infinit series and products, derivatives and integrals. (3.)

THE MATHEMATICAL CLUB. This is an organization of teachers and students, formed for the purpose of mutual help in mathematical investigation, and as an incentive to original work. The club meets once in three weeks.

Department of Physics

Professor PECKHAM

1 or 101. GENERAL PHYSICS. Properties of solids, liquids, and gases, and the study of sound and light. Lectures and laboratory work. Three hours a week, with two hours laboratory. (3.) (T.C.)

2 or 102. GENERAL PHYSICS. Heat and electricity. Lectures and laboratory work. Three hours a week, with two hours laboratory. (3.)

103. MECHANICS AND HEAT. Three hours a week, with four hours laboratory. (3.)

104. ELECTRICITY AND LIGHT. Three hours a week, with four hours laboratory. (3.) (T.C.)

105. TECHNICAL ELECTRICITY. Dynamos and motors, lighting and power. Three hours a week, with four hours laboratory. (3.)

106. MODERN THEORIES OF MATTER AND ELECTRICITY. With applications to electrolysis and electrolytic conduction. Three hours a week, with four hours laboratory work. (3.)

107 or 108. METEOROLOGY. Lectures, with observations and forecasting. Three hours a week. (3.)

Department of Mineralogy

Professor SHARE

101 and 102. MINERALOGY. (a) First semester. Crystallography and Blowpipe Analysis. Crystallography: Study of crystal models and natural crystals; use of the goniometer. Blowpipe Analysis: Use of the blowpipe, preliminary tests; analyses of prepared mixtures. (b) Second semester. Descriptive and Determinative Mineralogy: Physical and chemical characteristics of the common minerals; determination of minerals by the aid

of the blowpipe and physical and chemical tests. Three hours a week; laboratory, two hours a week. Each semester. (3.)

103. METALLURGY. Treatment of ores by furnace, wet and electrolytic methods. (3.)

Department of Music

1 or 101. THE APPRECIATION AND INTERPRETATION OF MUSIC. The analysis of various forms of musical composition with collateral readings in the history and literature of music and musical criticism. (3.)

2 or 102. THEORY OF MUSIC. A course in harmony, followed by counterpoint, with readings in the history of music. (3.)



Admission to Adelphi College

Admission to the Freshman Class in Adelphi College is by examination or by certification from an approved school.

Examinations for Admission are held at the College in **June, September and January**, and students can begin college work either in September or in February.

The examinations in June are conducted in the College buildings by the College Entrance Examination Board, of which Board Adelphi College is a member. All applications for admission to these examinations must be addressed to the "Secretary of the College Entrance Examination Board, P. O. Substation 84, New York, N. Y.," and must be made upon a blank form to be obtained from the Secretary of the Board upon application.

Entrance examinations in September will be held at the College on Wednesday, Thursday and Friday of the week before the beginning of recitations in each year. Applications for admission to these examinations should be sent to **THE SECRETARY OF THE FACULTY**, Adelphi College, Brooklyn, before the second Monday in September.

Entrance examinations in January for admission at the beginning of the second semester will be held on Thursday, Friday and Saturday of the third week in the month, January 21st, 22nd, 23rd. Application for admission to these examinations should be sent to the Secretary before January 20th. In September and January no entrance examination fee is charged.

Adelphi College accepts the definitions of entrance requirements adopted by the College Entrance Examination Board, and fully described in the November issue of the Adelphi Bulletin, which will be sent to anyone on request.

The relative value of each subject offered for admission is stated in **UNITS**, as follows:

<i>English</i>	a)	Reading and Practice	}	3
	b)	Study and Practice		
<i>French</i>	a)	Elementary	(2) }	3
	b)	Intermediate	(1) }	
<i>German</i>	a)	Elementary	(2) }	3
	b)	Intermediate	(1) }	

<i>Greek</i>	a)	Grammar	}	3
	b)	Xenophon, Anabasis I-IV		
	c)	Homer, Iliad I-III		
	f-h)	Prose Comp. and Sight Read.		
<i>History</i>	a)	Ancient (1)		4
	b)	Medieval and Modern (1)		
	c)	English (1)		
	d)	American and Civics (1)		
<i>Latin</i>	a)	Grammar	}	4
	b)	Cæsar, Gall. War I-IV		
	c)	Cicero, 7 Orations (Manilian as 2)		
	d)	Vergil, Aeneid I-VI		
	i-q)	Prose Comp. and Sight Reading		
<i>Mathematics</i>	a)	El. Algebra	}	3
	b)	Pl. Geometry		
	c)	Adv. Algebra (½)		
	d)	Solid Geometry (½)		
	e)	Pl. and Sph. Trig. (½)		4½
<i>Sciences</i>		Chemistry		1
		Physics		1
<i>Spanish</i>		Elementary		2

Applicants for admission to College by examination must be at least sixteen years of age, and must be able to pass satisfactory examinations in subjects amounting to at least fifteen (15) units. Of these three (3) must be in English, three (3) in mathematics, one (1) in history, and either four (4) in Latin or three (3) in Greek, French, or German. No applicant can offer more than two languages other than English in satisfaction of these requirements.

Admission by Certificate

Applicants for admission to College by certificate must be at least sixteen years of age, and graduates of a high school or academy, approved by Adelphi College. They must have completed a four years' course, must be recommended for admission to College by the principal of the school from which they are graduated, must present a certificate provided by the College and filled out by the authorities of the school, and the

subjects studied must include: Three (3) units in English, three (3) units in mathematics, one (1) unit in history, four (4) units in Latin or three (3) units in Greek, French or German, and, in addition, a sufficient number of subjects chosen from the foregoing list to make a total of fifteen units. No applicant can offer more than two languages, other than English, in satisfaction of these requirements.

Applicants for admission who present the College Entrance Diploma, issued by the New York State Education Department, under the ordinance adopted by the Board of Regents, October 17, 1907, will be admitted to Freshman standing without examination, and without condition, provided that the choice of elective studies for that diploma enables the candidate to satisfy the Adelphi requirements for admission, as stated above.

Certificates of private tutors and of evening high schools are not accepted.

Admission to Advanced Standing

Candidates for admission to advanced standing will be required to pass satisfactory examinations upon the work already accomplished by the class to which they wish to be assigned.

The Faculty will accept properly authenticated certificates of work done in other colleges of good standing, but no student who enters Adelphi College upon such credentials may be graduated from Adelphi College unless a credit of at least 30 points has been obtained for courses taken while in residence at Adelphi College.

Students applying for admission to College as candidates for the degree of Bachelor of Arts, who are graduates of a normal or training school for teachers in the State of New York, maintaining a two years' training course and under the supervision of the State Commissioner of Education or of the New York City Superintendent of Public Instruction, and who are also graduates from a four years' course in a recognized high school or its equivalent, may receive a credit of 34 points. Similar graduates from the one year course in the Brooklyn City Training School prior to the year 1904 may receive a credit of 18 points.

Normal and training school graduates who have had less than a four years' course in a high school must satisfactorily remove all deficiencies in their record for secondary school work before receiving credit toward a degree for their normal course.

Students of mature age, not candidates for a degree, may be admitted to courses of study, which they are competent to pursue, upon presentation of satisfactory evidence of proficiency.

CONDITION EXAMINATIONS for students who have to make up deficiencies in any department are held on the Friday in September preceding the beginning of recitations.



Requirements for the Degree of Bachelor of Arts

The Freshman and Sophomore classes in Adelphi College together form the Junior College. The Senior College includes the Junior and Senior Classes.

All the studies in the College curriculum have been arranged in three divisions, and each student, after admission to College, designates one of the divisions as a major group of studies, and another as an intermediate group; the remaining division must be the minor group.

Candidates for the degree of Bachelor of Arts, which is the only baccalaureate degree now offered by Adelphi College, must satisfy the requirements of three such groups, each of which obviously must belong to a different division.

The semestral study is made the unit of computation. Each semestral study, unless otherwise provided, will have three weekly recitations, in Teachers' Courses two weekly sessions of one and one-half hours each, and will be entitled to a credit of three points. Unless otherwise provided, a semestral study having less than three weekly recitations will be entitled to a credit of as many points as it has weekly recitations.

The three divisions in which the different departments of instruction now represented in the Faculty are grouped are described as follows:

1. The Division of History and Philosophy, comprising the departments of Economics, Education, Fine Arts, History, Philosophy, Politics, Psychology and Sociology.

2. The Division of Languages and Literatures, comprising the departments of Elocution, English, German, Greek, Latin and Romance Languages (French, Italian, Spanish).

3. The Division of Mathematics and Sciences, comprising the departments of Astronomy, Biology, Chemistry, Geology, Mathematics, Mineralogy, Music, Physics.

Each candidate for the Bachelor's degree must complete work for at least 54 points from the studies in a division chosen as *Major*, for at least 24 points from the studies in another division chosen as *Intermediate*, and for at least 12 points from the studies in the remaining division, which will be the *Minor*.

Credit for 30 points must also be obtained for studies chosen as free options from among any of the divisions. In meeting these requirements, no student in the Junior College will be allowed to take in one semester in one division studies amounting to more than 9 points of credit. Also, in satisfying the requirements of the various divisions, no student may offer more than 24 points from one department in any *Major* division.

Students who have, in compliance with these regulations, obtained a total credit of 60 points, and have also removed all entrance conditions, are eligible to receive the Junior College certificate and to be admitted to the Senior College, and those who have in like manner obtained a credit of 120 points are candidates for the degree of Bachelor of Arts.

The point values of the necessary sequences in the various divisions may be summarized as follows:

DIVISION OF HISTORY AND PHILOSOPHY. 1. *As a Major Group.* In the department of History, 18 points; in the department of Economics, 6 points; in the department of Sociology, 6 points; in the department of Psychology, 6 points; in the department of Philosophy, 6 points; in any departments of the Division, 12 points; total, 54 points.

2. *As an Intermediate Group.* In the department of History, 6 points (Hist. 1 and 2); in either Economics or Sociology, 6 points; in the department of Psychology, 6 points, and in the department of Philosophy, 6 points; total, 24 points.

3. *As a Minor Group.* In the department of History, 6 points (Hist. 1 and 2); in any other departments of the Division, except Education, 6 points; total, 12 points.

DIVISION OF LANGUAGES AND LITERATURES. 1. *As a Major Group.* In one department of the Division, 24 points; in a second department, 18 points; in a third department, 12 points. (The department of English must be one of the departments chosen, and 6 points in English must be in English Composition, Courses 1 and 2.) Total, 54 points.

2. *As an Intermediate Group.* In department of English (6 points in English Composition, Courses 1 and 2), 12 points; in a second department of the Division, 12 points; total, 24 points.

3. *As a Minor Group.* In department of English (6 points in English Composition, Courses 1 and 2), 6 points; in a second department of the Division, 6 points; total, 12 points.

DIVISION OF MATHEMATICS AND SCIENCES. 1. *As a Major Group.* In department of Mathematics, 12 points; in departments of Sciences, 12 points; optional, subject to rule against offering more than 24 points from one department, 30 points; total, 54 points.

2. *As an Intermediate Group.* In department of Mathematics, 6 points; in departments of Sciences, 12 points; in any departments of the Division, 6 points; total, 24 points.

3. *As a Minor Group.* In departments of Sciences, 6 points; additional Science or Mathematics, 6 points; total, 12 points.



Expenses

**All Tuition (Except for the Summer Session) is
Payable Semi-Annually in Advance**

at the Treasurer's office, in the Long Island Loan and Trust Company, at 44 Court Street, Brooklyn. The fees for the Summer Session are payable in advance at the Bursar's office in the College.

The fees for tuition in the various departments of the College are as follows:

In the Junior or Senior College, per semester	\$90.00
For students registered in Teachers' Courses, or for single studies, per semestral course, three hours per week	18.00
In the Normal departments, per semester	50.00
In the Art department, per semester	25.00
In the Summer Session, for a 2 or 3-point course...	15.00
For additional courses, per point	5.00
Special examinations, each	5.00
Laboratory fee, per year, in Biology and Physics, each	5.00
Laboratory fee, per year, in Chemistry	10.00

There are no extra charges in the College Course except for materials used in the laboratories, and a fee of five dollars to cover the cost of the final diploma. If breakage or use in the laboratories exceeds the amount of the laboratory fee, an additional charge will be made to cover the excess. In the Normal department there is no extra charge for kindergarten materials.

No deduction is made for absence.

Applicants for admission to the College or to any class in it must pay a registration fee of \$5.00 before they can be assigned to any classes, but the amount of this fee will be credited toward tuition.

Register of Students in Adelphi College 1907-1908

Graduate Students

BEAVERS, GENEVIEVE W., B. A. (Adelphi).....	<i>Sociology</i>
BESSEY, MABEL ABBOT, B.A. (Cornell)	<i>English</i>
BOOLE, EMILY ROBBINS, B.A. (Adelphi).....	<i>English</i>
BOOLE, FLORENCE ALEXANDER, B.A. (Adelphi).....	<i>German</i>
BROADHURST, GRACE ADELE, B.A. (Adelphi) ..	<i>English and French</i>
DELANO, GRACE, B.A. (Adelphi).....	<i>Education and English</i>
EICHBAUER, CECILE, B.A. (Columbia).....	<i>Economics</i>
ELDER, MAUREEN, B.A. (Adelphi).....	<i>Mathematics</i>
HALL, ETHEL REID, B.A. (Adelphi).....	<i>English</i>
HEUERMANN, HELENA, B.A. (Adelphi).....	<i>German</i>
JELLIFFE, ELIZABETH MAY, B.A. (Mount Holyoke)	
	<i>French and German</i>
LOPEZ, BLANCHE ELISKA, B.A. (Adelphi).....	<i>Sociology</i>
MARTIN, HARRIETT MARIE, B.A. (Adelphi); M.A. (Cornell)	
	<i>Chemistry</i>
PERKINS, ALICE, B.A. (Adelphi).....	<i>Sociology</i>
RILEY, MARIETTA, B.A. (Adelphi).....	<i>Education</i>
SAYLER, GERTRUDE ISABEL, B.A. (Adelphi).....	<i>Sociology</i>
SMITHWICK, ALICIA VICTORIA, B.A. (Adelphi).....	<i>Education</i>
STANTON, BESSIE, B.A. (Adelphi).....	<i>English</i>
TOMLIN, STELLA MILLICENT, B.A. (Adelphi).....	<i>English</i>
WALSH, LORETTO MARGARET, B.A. (Adelphi).....	<i>Education</i>
WATT, HELEN SHIRLEY, B.A. (Mount Holyoke).....	<i>English</i>
WELLES, JULIA THEODORA, B.A. (Adelphi)	<i>Sociology</i>
WHITLOCK, LILLIAN ISABELLE, B.A. (Adelphi).....	<i>Education</i>

Senior College*Senior Class*

ADLER, MILTON MONTAGUE	KELLY, ELIZABETH LORETTA
AKERLY, MAUD EDNA	KEYES, KATHARINE MARY A.
ANDERSEN, LORENTIOUS OLIF	LAFRENTZ, OLGA LYDIA
ARTMANN, FLORENTINE E.	LAPIDGE, ALICE HARRIETTE
BUNTING, MILDRED B.	LOUD, HELEN SUSAN
BUTSCH, MARION AGNES	MATZDORF, JENNIE MARIE
CAROLAN, ANNA BENEDICTA	MCGUIRE, LORETTO
CHINNOCK, FLORENCE B.	MURPHY, FLORENCE SHILLARD
DAHLMAN, GERTRUDE	NAGLE, REGINA ALICE HOLT
DECKER, FANNIE HULL	O'DONOGHUE, LILLIAN INEZ
DENHAM, SIDONIE ADELE	OGDEN, EDITH
DUNCAN, MARY ELLEN	OWEN, LUCILLE MARIE
DUNNE, SUSIE FRANCES	PELL, ROSALIE MURIEL
FOOTE, JOHN PAUL	SCHAUMLOEFFEL, JOHN H.
FREEBERG, SIGRID CHARLOTTE	STEBBINS, DELIA A.
GEISS, ANNA MARIE CLARE	STEWART, EVELYN MAUD
GLASS, IDA ANNA	THORNE, BEATRICE SARA
GROUSE, IRENE EDYTHE	UNGER, GERTRUDE NEWLAND
HALBERT, ANNA EVELINA	WAGNER, ELIZABETH DOROTHY
HAWLEY, BERTHA STERLING	WERREY, EDNA MAY
HORNSTEIN, IGNUS OSBORNE	WINTER, JOHN JOSEPH
HOWELL, ALFRED VANBUREN	WYNBLADH, SIGRID VICTORIA
IRELAND, SUSIE MAE	

Junior Class

ALLAIRE, RUTH	CLARK, LEILA COOK
BEDELL, ALICE MARGARET	COMMISKEY, MARJORIE
BLABER, SARAH PAULINE	COMMISKEY, M. AGNES
BLAIR, LEILA E.	CONE, MARION CHAPPELL
BRANDT, WILHELMINE S.	CONWAY, SARA FRANCES
BURNETT, MARGUERITE HILL	CORCILIOUS, JOSEPHINE
CARDOZO, LOUIS D.	CUEVAS, ROSALIA DEL PILAR
CARMICHAEL, ANNA MARY	DOWNS, JOSEPHINE ANAIS
CASSIN, EDWARD	FRANCIS, GEORGIE MAY
CHAPPLE, LOUIS ALBERT	FROST, MADELEINE A.
CINNAMOND, HELEN C.	FULTON, MARY ELIZABETH
CLAFFY, MARY E.	GEISS, M. H. MATILDA

GRISWOLD, VIRGINIA A.	PECK, EMILY SEYMOUR
GUION, BESSIE ROSE	PLATT, EMILY LOUISE
HAAF, JOHANNA	POWELL, MARY EMMA
HASKINS, THERESA HOWARD	REILLY, EDNA GENEVIEVE
HOBBS, ALICE EMILY	ROSENBERG, NETTIE
HOBBS, AMY LUCKEY	ROWELL, ELLA CHAPIN
HOCHART, MARIE THERESA	SCHNURR, EDITH WINIFRED
HOSCHKE, LOUISE M.	SCHRADIECK, MARGARET
HOWELL, ETHEL MAY	STARKEY, WARREN L.
HYDE, JUSTUS C.	STEBBINS, ELIZABETH D.
JAGGI, CLARA JENNIE	STEVENS, MARY SYDNEY
KAVANAGH, MARY ELIZABETH	SULLIVAN, MARGARET PARKER
KELLY, ISABELLA	TINNEY, MARY CATHERINE
KENNEDY, ALICIA MAUDE	TOWNSEND, MAY EDNA
KIPP, ETHEL MARGARET	VIMONT, LOUISE LEONIE
LINDLAR, WILLIAM	WALDO, RUTH FANSHAW
LYONS, MARIE BEYNON	WALKER, JENNIE
MATTESON, KATE LAURA	WEEKS, MARION ISABEL
MCDONALD, BEATRICE CECILE	WENDEL, CORINNE ROSALYS
MEFFLE, EMMA LOUISE	WHELAN, CATHERINE B.
MESSERLEE, EVA L.	WICKHAM, LAURA FLORENCE
MORISON, NORMA GRAY	WILCOX, JESSIE ELOISE
NEVINS, ANNA RUSSELL	WOLFERZ, HELEN AMALIA
NICHOLS, ELLEN ELIZABETH	

Junior College

Sophomore Class

AHERN, GERTRUDE EDITH	DRISCOLL, AGNES WINIFRED
ALESKOWITZ, EVA	ELBERT, WILLIAM, JR.
BECKMAN, KATHERINE COOPER	ERHARDT, HELEN A.
BRENNER, CHARLOTTE	FIGUEIRA, ERENE
BRISBANE, JAMES	FOLEY, KATHERINE E.
BULLWINKEL, ANNA CATHRYN	FOX, BRIDGET EUGENIA
BURKE, ELLEN SOPHIA	GODDARD, FLORENCE MARY
BURNS, EDITH ROSE	GORMAN, REGINA MARY
CLEARY, MARGARET J.	GORSKI, RUDOLPH HENRY
COHEN, BERTHA	HALSTEAD, MARGUERITE
COOK, CAROLINE LOUISE	HARDING, KATHERINE ANNA
COOKE, HELEN ELIZABETH	HARRINGTON, WILSON H.
DONALDSON, FRANCES MARIE	HART, CATHARINE G.

HAWES, EVELYN ROCHESTER
 HERBST, EDNA M.
 HEYER, CORNELIA MAY
 HOMAN, MARION ROE
 JESSUP, MARGARET M. A.
 JEWELL, MARJORIE
 JONES, FLORENCE ISABELLE
 KAHLER, IDA H.
 LITTELL, GERALDINE
 MACNAMARA, ELIZABETH F.
 MANGAM, EMILY ANNA
 MAX, WILLIAM DAVID
 MCCLELLAN, MARY MORRISON
 MCKECHNIE, ELIZABETH M.
 MCNAMARA, NELLIE MARIE
 MCMANUS, GRACE AGNES
 MILLER, GRACE ETHEL
 MILLER, ERNESTINE
 MUNGER, NELLIE F.
 O'BRIEN, EUGENIE MARIE

PANGBORN, CARRIE CRANFORD
 PARVIN, EDITH MAY
 PITFIELD, HAZEL ISABEL
 PITTS, MAUDE LENDA
 RADENHAUSEN, PAUL
 RIDER, MILLICENT J.
 ROMER, LAURA MANDEVILLE
 RUSSELL, NELLIE SHIRLEY
 SAYLER, FLORENCE E.
 WAGNER, CATHERINE F.
 SCHWENKER, CHARLOTTE E.
 SCOTT, HERBERT W.
 SMITH, ELEANOR WEIR
 SMITH, ISABEL MAY
 STONE, LUCY EVELYN
 STURDEVANT, MARIE LOUISE
 SUTPHIN, CAROLINE M.
 VAUGHAN, HARRY J.
 WILLS, ANNA
 WILSON, SARAH MARY

Freshman Class

BAILEY, WILLIAM BANCKER
 BAMBERGER, AGNES LOUISE
 BEHRE, CAROLINE MATHILDA
 BLACK, ROSE IRENE
 BREWSTER, ADELAIDE
 BRINCKERHOFF, JEANNETTE
 BRUNN, ILSE V.
 CHARBONNEAU, ZULMA MARIE
 COHEN, MIRIAM
 COHN, JOSEPH
 CONSELYEA, ESTELLE
 COOLIDGE, HAROLD MOUNTFORD
 DEVROY, S. ELIZABETH
 DONOVAN, CECILIA
 HARRIS, EDNA MAY
 HARVEY, DORA WINIFRED
 HAVILAND, HOWARD ROSS
 HAYES, ELIZABETH

HUBBARD, ROBERT JAMES
 HUTCHEON, ELIZABETH G.
 JOHNSTON, GRACE LAVINA
 JONES, PIERRE FANEUIL
 KAUFMAN, ERNST GUSTAV
 KENMORE, GENEVIEVE B.
 KRAEMER, ELSIE MARIE
 LADD, EUNICE MABEL
 LENTILHON, IDA WARD
 LEVERMORE, MARGARET
 MAIDMENT, ADELINÉ
 MCCHESENEY, JAMES WILLIAM
 MCCOMB, CLARA LINDSAY
 NEARING, FANNIE
 NICHOLSON, ALLAN MARIUS
 PANDO, FANITA
 POWERS, MINNIE MINTON
 REMSEN, ABIGAIL B.

RUSH, CATHERINE C.	WARWICK, VENI L.
SCHLIFFER, WILLIAM H., JR.	WHITE, MARION
SCHMIDT, CLARA EMMA	WILLIAMS, LILLIAN E.
SHAUGHNESSY, IRENE F. M.	WINANT, MARGUERITE DAWSON
SMITH, CATHARINE A.	WISSMANN, MINNIE C.
SUKEFORTH, MARION C.	WOLFENSBERGER, IDA LOUISE
SULLIVAN, MARGARET REGINA	WORTMANN, JOHANNA C.
WAGNER, GERDA HENRIETTE	

Unclassified Students

ADAMS, ELIZABETH WALKER	KEYES, FRANCES CLARE
BLEAKNEY, CORNELIA	KNOCHE, BERTHA
BRONDER, L. ROSE	LEARY, RACHEL HORTENSE
BROWN, ADELAIDE W.	LOWE, MARY
CAMPBELL, CHRISTABEL ELLEN	MOORE, EDWARD HILTON
CARROLL, MRS. JULIA E.	NORMAN, MRS. ENGREGY F.
CLARK, MARY CECELIA G.	O'DONNELL, MAY GERTRUDE
COPELAND, H. CONSTANCE	PATTEN, EFFIE ADELIA
CRANE, EMMA SAXTON	PHELPS, ALFRED EDWARD
DILGER, MARIE	PRICE, MARGARET H.
DONALDSON, ISABEL MARSHALL	REARDON, MAY M.
EATON, CARRIE JOSEPHINE	RENDELL, HARRIETTE E.
FERGUSON, KATHARINE E.	SEARING, BEULAH CATHERINE
FINKENSIEPER, OTTILIE	SHAW, MARGARET M.
GRAFF, CARL	SKILTON, CHLOE MARILLA
HALL, GEORGE RAYMOND	TAAFFE, JENNIE F.
HILDEBRANDT, GEORGE B.	TAAFFE, ROSE A.
HOAGE, NORMA	TATE, WINIFRED
HOLDEN, NELSON	TEVLIN, BLANCHE EULALIA
HOLLAND, MARGARET T.	USHIJIMA, TOYOSUKE
HUYLER, EDITH MARY	WALKER, EMMA
KANE, SARA MARGARET	WOODS, ANNIE L.
KELLY, MARY CATHERINE	

Students Enrolled in the Summer Session, 1907

AHERN, GERTRUDE E.	BLABER, SARAH PAULINE
BEER, GERTRUDE	BURKE, ELLEN SOPHIA
BESSEY, MABEL ABBOT	CALLAN, DR. WILLIAM JAMES

CAREY, ANNIE A.	KAVANAGH, MARY ELIZABETH
CLARK, MARY C. G.	KELLY, MARY CATHERINE
CLEARY, MARGARET JOSEPHINE	KELLY, ELIZABETH LORETTO
CONE, MARION CHAPPELL	KINAHAN, LORETTA GRACE
CONNOR, MRS. ELIZABETH G.	KLIEM, MRS. ELIZABETH L.
CONWAY, SARA FRANCES	LAWTON, MRS. ADA A.
DARBEE, MARY MILLETT	LAFRENTZ, OLGA LYDIA
DAHLMAN, GERTRUDE	LEVER, LILY CARLOTTA YENDELL
DESMOND, ANNA JOSEPHINE	LOUD, HELEN SUSAN
DODGE, MABEL FOSTER	MCCLELLAN, MARY MORRISON
DONALDSON, ISABEL MARSHALL	MCCOMB, CLARA LINDSAY
DRISCOLL, AGNES W.	MCKECHNIE, ELIZABETH M.
EATON, MARY TERESA	MACNAMARA, ELIZABETH F.
FENNEBRESQUE, GEORGE W.	MAGUIRE, MARY SUSAN
FERGUSON, KATHARINE E.	MALLOY, ROSETTA CECILE
FINDLAY, HELEN ANDERSON	MEALLEY, EDITH ROBINSON
FITZPATRICK, JOHN STEVENS	MERRYWEATHER, AMELIA E.
FOOTE, JOHN PAUL	MOORE, EDWARD HILTON
FOX, BRIDGET EUGENIA	NELSON, BERTHA ISABEL
FRASER, JESSIE LOCKWOOD	NEVINS, ANNA RUSSELL
FROST, MADELEINE A.	NOONAN, MARY AGNES
GLEASON, ANNA	NORMAN, MRS. ENGREY F.
GODDARD, MRS. MARY C.	OAKES, FANNIE
GRAFF, CARL	OLIVER, MARY GERTRUDE
GRAHAM, CHRISTINA MURDOCH	OWEN, LUCILLE MARIE
GRISWOLD, MRS. JEANIE WARD	POWELL, MARY EMMA
GROSSARTH, ANNA AMELIA	PRICE, MARGUERITE
HAGEN, CORA MARIA	RENDELL, HARRIET E.
HART, KATHARINE G.	RILEY, MARIETTA
HASKINS, THERESA HOWARD	ROBINSON, WILLIAM S. H.
HOAGE, NORMA	RUSH, CATHERINE C.
HOLLAND, MARGARET TERESA	SCHWENKER, CHARLOTTE E.
HUDSON, SELENA	SHAROT, MARY ELIZABETH
HYLAND, ALICE CATHERINE	SHAW, MARGARET MARIE
HYDE, JUSTUS CHAUNCEY	SONDHEIM, ADELE
JACOBY, BELLA EDITH	TANNER, HELEN WHEELER
JAGGI, CLARA JENNIE	TINNEY, MARY CATHERINE
JESSUP, MARGARET M. A.	TRAVERS, MARY ELEANORA
JOHNSON, ALBERT ANDREW	VAUGHAN, HARRY JOSEPH
JONES, FLORENCE ISABEL	VIMONT, LOUISE LEONIE
KANE, SARAH MARGARET	WALKER, EMMA

WALKER, JENNIE
WALL, ETHEL IRENE
WATT, HELEN SHIRLEY
WELLS, MARY FRANCINIA
WILSON, SARAH ISABEL

WINTER, JOHN JOSEPH
WILCOX, JESSIE ELOISE
WOODS, ANNIE L.
WOLFERZ, HELEN AMALIA
WOOLLARD, HARRIET JENNIE

Normal School for Kindergartners

Second Year Class

ACKERMAN, MAY BELLE
AKBERG, JEANETTE
BARTON, ELSIE HARRIS
BEACH, ANNA CATHARINE
BESSEY, ALICE M.
BLAKE, MARY ELIZABETH
BRECKWOLDT, HELEN PAULINE
BRINKMAN, BLANCHE MARIE
CARROLL, FRANCES CLEVELAND
CASEY, A. DOROTHEA
CRUIKSHANK, MARION
DAILY, GRACE COOPER
DEWITT, JERALDINE ROBINSON
FREER, ELLA WARREN
GLIER, ETHEL LAVINIA

HALEY, FRANCES LORETTA
HEGEMAN, IDA C.
HIERS, MARY ELIZABETH
HURD, ELIZABETH CHAPMAN
LYNCH, MARGARET ANNA
MCNALLY, HELEN MARIE
NELSON, FRANCES AGNES
O'KEEFE, ANGELA MARIE
PILCH, MABEL ALICE
PRAY, ELSIE WINSLOW
ROSS, MILDRED H.
TABER, ANNA KEESE
TAYLOR, SARAH HILDEGARDE
WESTAWAY, JOSEPHINE E.
YORE, ELIZABETH HELEN

First Year Class

BASTEDO, HAZEL
BLANKE, ALICE MILDRED
BODKIN, GERTRUDE
BUCKWALTER, EMMA FRANCES
BULLARD, HENRIETTA
CLEAVELAND, MARJORY
DEACON, EMILY VIOLA
DEUTSCH, FRANCES F.
DONALDSON, MABEL SEWIN
DRESSLER, ROSALIND B.
FOSTER, GENEVIEVE MAE
HEISCHMANN, EMMA JULIA
JOHNSON, GRACE BLIGH
JOHNSON, HARRIET
KRAMER, EDNA M.

LEWIS, HESTER AGNES
LOUGHRAN, MARGUERITE
LYONS, ETHEL SCOTT
LYONS, MARY AGNES
MATTHEWS, ETHEL DOROTHY
MCGIVNEY, ALICE A.
MILES, HELEN TRUSLOW
MUNDY, EDNA MAY
O'DONOGHUE, MARIE V.
PALMER, HELEN LOUISE
PLATT, EDITH GILMAN
REILLY, MARGARET GIBBONS
SHANNON, FLORENCE GERTRUDE
SOUTHARD, ALMA

The School of Fine Arts

ABLITZERE, ALFRED GEORGE	KOEPKE, EDITH MAY
ADAMS, BEATRICE LAGRAVE	KOEPKE, FLORA
ALCALDE, ELVINA	LAUTER, WILLIAM
BELTON, WILLIAM ROBERT	LEWIS, ROBERT H.
BERMEL, BARBARA ROSE	LICHTENSTEIN, ADA
COLLINS, MABEL EDITH	LOCKE, IRENE L.
CONNAVALE, ROBERT	LOCKWOOD, BESSIE
DODGE, WARRENA	LORETZ, ADELAIDE
DRAPER, EDITH HARRIETT	MANGOLD, AUGUST
EDDY, BEATRICE MARIE	MURRAY, HAZEL A.
FRANSON, AGNES MARIE	NESSER, FRANK P.
FRASER, MAY FLORENCE	OLSEN, HARRY EDWARD
FULTON, MARY BURT	PFARRE, GERTRUDE
GIRTON, ELSIE	POOLE, GERTRUDE
GROVER, BESSE	ROBINSON, C. MARGUERITE
HAMILTON, HELEN	ROWLAND, MRS. ALICE L.
HARRIS, MRS. ALEXANDER R.	SALGANIK, JACOB
HOLM, WINIFRED	SCHROETER, ALBERT
HOOK, GLADYS M.	SHIFF, E. MADELEINE
HUGHES, BEATRICE	SPITZA, STELLA
HUNT, IOLA LILIAN	STIRLING, JACK WINTON
JACKSON, MARIAN L'ABERNE	TERMINI, JOSEPH A.
JAMER, MABEL A.	UHLIG, MARIE E.
KEIM, EDNA ANNA	WHITLOCK, MRS. THOMAS

Normal Course for Art Teachers

Graduate Students

HOLLISTER, JESSIE O.	SMITH, VIOLET ELLEN
----------------------	---------------------

Second Year Class

O'CONNELL, DOROTHY	VON HOLLEUFER, HELEN
--------------------	----------------------

First Year Class

STEVENS, MARAH BELLE

Adelphi Sketch Club

ABLITZERE, ALFRED GEORGE
BAILEY, MARY E.
BURLINGAME, CHARLES A.
COADY, ROBERT
COESTER, THEODORE
DWELLE, VERNON
EVANS, CURRIE
EVANS, MRS. GEORGE
FINE, JACOB
FITZMAURICE, MRS. CHARLES
FREDERICKS, EDMUND
GAZAN, CHARLES
GESSWEIN, EDWARD W.
HOLLAND, DAVID, *President*
KLINGLER, ELMER L.
KLINKOWSTEIN, BERTHA
KREBS, THEODORE J.
LEITNER, LEANDER
LIEBSCHER, GUSTAVE
MACHETTE, LYDIA MUSGRAVE
MACOY, MAY D.
MAINE, FREDERICK
MARSHALL, JAMES GREY
MCCLEES, MRS. BLANCHE
MEIDERMAN, MARGUERITE
MORSE, ANNA GERTRUDE
MURR, ADDIE B., *Secretary*

O'BRIEN, SADIE
OBRIST, MAX
O'CONNOLL, DOROTHY
OLSEN, HARRY E., *Treasurer*
REDMAN, JOSEPH
RICE, WILLIAM H.
ROBINSON, C. MARGUERITE
ROSENSON, OLGA
RUSSELL, BEATRICE E.
SALGANIK, JACOB
SCHMICKL, IDA
SCHOLTOCK, ALBERT
SCHROETER, ALBERT
SHINDLER, WILLIAM H.
SMITH, VIOLET E.
SPETH, JOHN
STEVENS, MARAH BELLE
TILLOTSON, WILFRED
TOWLE, HAROLD
UHLIG, MARIE E.
VON HOLLEUFFER, HELEN
WEIDERMAN, MARY
WHITMORE, OLIVE B.
WHITTAKER, MARY WOOD,
Vice President
WICKER, FREDERICK
WILSON, ULYSSES G.

Recapitulation

The College

Graduate Students	23
-------------------------	----

Senior College

Senior Class	45
Junior Class	71
	— 116

Junior College

Sophomore Class	66
Freshman Class	51
Unclassified	45
	— 162

Summer Session

Students in Summer Session	98
Names of these students registered also in other departments of the College	51
Students in Summer Session only	— 47
	348

Normal School for Kindergartners

Second Year Class	30
First Year Class	29
	— 59

School of Fine Arts

Students in Drawing and Painting	48
Normal Course for Art Teachers	5
Sketch Club	53
	— 106

Total number of students in Adelphi College, 1907-1908	513
---	-----

Students in courses given under the joint auspices of the Brooklyn Teachers' Association and Adelphi College	139
Grand total, 1907-1908	652



ADELPHI COLLEGE

Divisions and Schools

1. Division of History and Philosophy
DEGREE B.A.
2. Division of Languages and Literatures
DEGREE B.A.
3. Division of Mathematics and Sciences
DEGREE B.A.
4. Normal School for Kindergartners and Art Teachers
5. Art School
6. Adelphi Academy

FOR CIRCULARS OF INFORMATION, ADDRESS

THE REGISTRAR

ADELPHI COLLEGE, BROOKLYN

H
10

LIBRARY
OF THE
UNIVERSITY OF MICHIGAN

This volume is bound without _____

1908/09

which is/are unavaible.



ADELPHI COLLEGE

5. Art School
6. Adelphi Academy

FOR CIRCULARS OF INFORMATION, ADDRESS

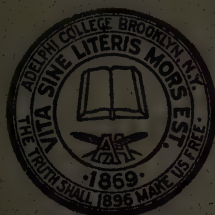
THE REGISTRAR
ADELPHI COLLEGE, BROOKLYN

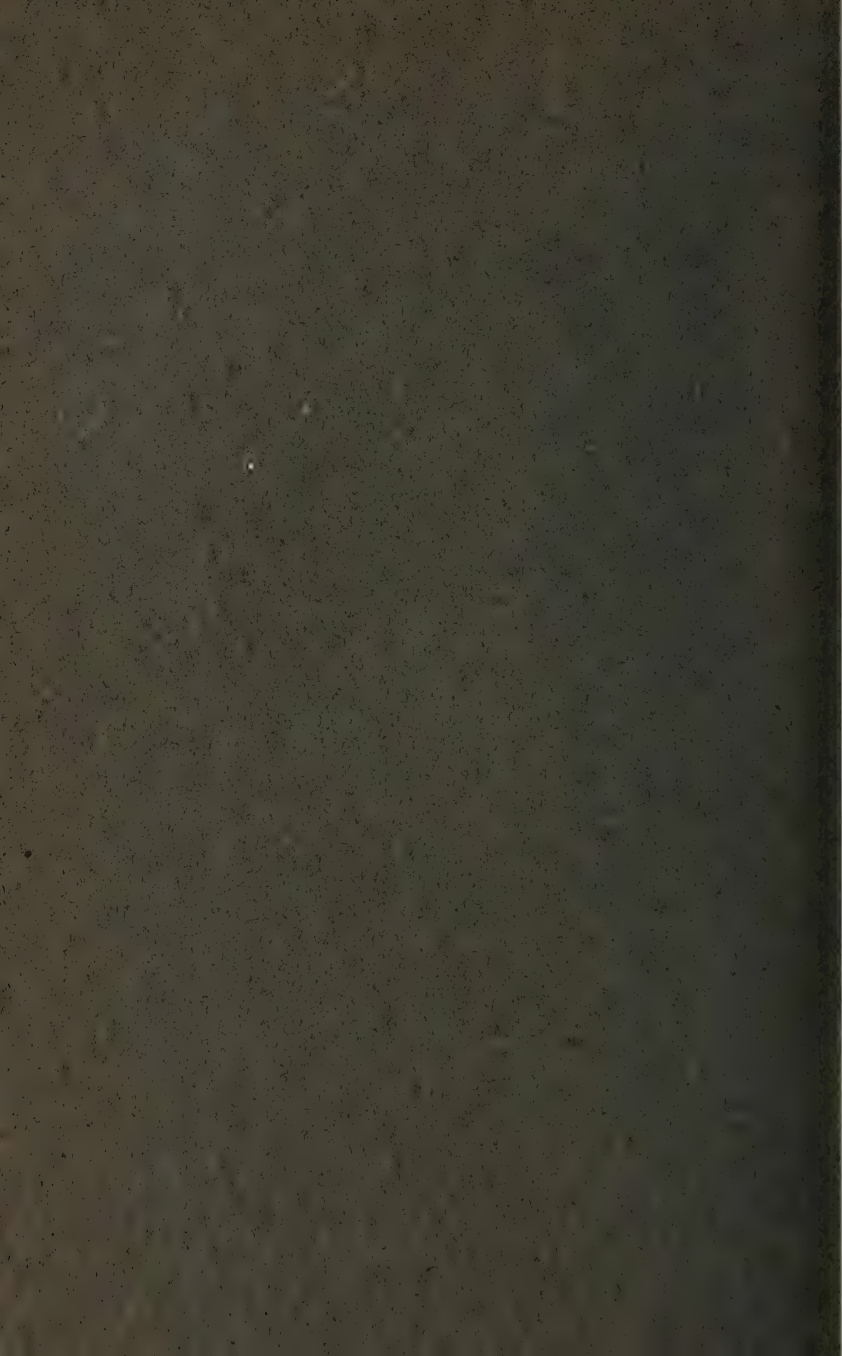
LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

ADELPHI COLLEGE

CATALOG

1910





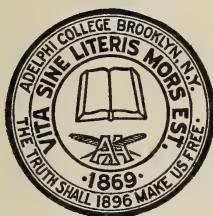
ADELPHI COLLEGE

CATALOG

ANNOUNCEMENT

Of Courses of Study in
all Departments

1910



LAFAYETTE AVENUE
ST. JAMES PLACE AND CLIFTON PLACE
BROOKLYN-NEW YORK

Calendar, 1910-11

The College year is thirty-eight weeks in length, beginning on a Wednesday nearest the middle of September and ending on the Thursday nearest the middle of June.

Second Semester began, Wednesday, Feb. 2, 1910.

Spring Recess, March 25—April 3.

Scholarship Examinations, June 1, 2, 3.

Second Semestral Examinations, except for Seniors, begin, Friday, June 3.

Commencement, Thursday evening, June 16.

Entrance Examinations by the Coll. Entr. Examination Board, June 20-25.

Summer Session begins, Wednesday, July 6.

First Semester, 1910-1911, begins, Wednesday, Sept. 21.

Registration Days, September 21-24.

Recitations begin, Monday, Sept. 26.

Thanksgiving Day recess, Nov. 24-27.

Christmas Recess, December 18, 1910—Jan. 1, 1911.

First Semestral Examinations begin, Monday, Jan. 23.

Entrance Examinations, Jan. 23, 24, 25.

Second Semester begins, Wednesday, Feb. 1, 1911.

Washington's Birthday, Holiday, Wednesday, Feb. 22.

Spring Recess, April 14—April 23.

Commencement, Thursday, June 15.

C
Ad 34

Board of Trustees

Names stand in order of seniority in membership.

CHARLES H. LEVERMORE.....	30 St. James Place
ANNIE G. TRUSLOW (MRS. F. C. TRUSLOW),	61 South Portland Avenue
AMELIA B. HOLLENBACK (MRS. J. W. HOLLENBACK),	460 Washington Avenue
TIMOTHY L. WOODRUFF.....	25 Eighth Avenue
JOHN C. KELLEY.....	247 Hancock Street
CLINTON L. ROSSITER.....	48 Montgomery Place
MATTHEW HINMAN.....	480 Vanderbilt Avenue
MARY E. BUTTERICK.....	406 Franklin Avenue
FREDERICK E. CRANE.....	854 Prospect Place
REV. S. PARKES CADMAN, D.D.....	2 Spencer Place
HERBERT K. TWITCHELL.....	153 South Oxford Street
LUDWIG NISSEN.....	810 St. Mark's Avenue
LLEWELLYN A. WRAY.....	1165 Dean Street
FRANK FREEMAN.....	213 Washington Avenue
J. EDWARD SWANSTROM.....	77 Halsey Street
HERMAN A. METZ.....	253 Clinton Avenue
JAMES H. POST.....	162 Ross Street
JOSEPH SPENCER KENNARD.....	Tarrytown, N. Y.
FREDERICK J. H. KRACKE.....	11 Kenmore Place
EDWARD T. HORWILL.....	1186 Dean Street
CHARLES G. BALMANNO.....	591 Fifth Street
GILBERT C. HALSTED.....	308 Washington Avenue

Officers of the Board of Trustees

JAMES H. POST.....	<i>President of the Board</i>
FREDERICK E. CRANE.....	<i>Vice-President</i>
CLINTON L. ROSSITER.....	<i>Treasurer</i>
HERBERT K. TWITCHELL.....	<i>Secretary</i>

Standing Committees of the Board of Trustees

Executive Committee

JAMES H. POST	HERBERT K. TWITCHELL
CLINTON L. ROSSITER	CHARLES H. LEVERMORE
JOSEPH S. KENNARD	HERMAN A. METZ
TIMOTHY L. WOODRUFF	GILBERT C. HALSTED
FREDERICK E. CRANE	

Finance Committee

HERBERT K. TWITCHELL	HERMAN A. METZ
LUDWIG NISSEN	J. EDWARD SWANSTROM

Committee on Instruction

CHARLES H. LEVERMORE	ANNIE G. TRUSLOW
FREDERICK E. CRANE	MARY E. BUTTERICK
LEWELLYN A. WRAY	

Committee on Buildings and Grounds

GILBERT C. HALSTED	FRANK FREEMAN
AMELIA B. HOLLENBACK	JOHN C. KELLEY
LEWELLYN A. WRAY	

Committee on the Art School

MATTHEW HINMAN	S. PARKES CADMAN
JOHN C. KELLEY	ANNIE G. TRUSLOW

Officers of Instruction and Government

Executive Officers

CHARLES HERBERT LEVERMORE, Ph.D.....President of the College
 WILLIAM CLARK PECKHAM, M.A.....Dean of College Men
 MARGARET SWEENEY, Ph.D.....Dean of College Women
 EDWIN A. GREENLAW, Ph.D.....Sec. of the College Faculty
 JOHN BARNARD WHITTAKER....Superintendent of the Art School
 ANNA E. HARVEYSuperintendent of the Normal School

Faculty

(NAMES OF THE FACULTY, EXCEPT THAT OF THE PRESIDENT, STAND
 IN ORDER OF APPOINTMENT TO PROFESSORSHIPS OR
 ASSISTANT-PROFESSORSHIPS.)

CHARLES HERBERT LEVERMORE.....30 St. James Place
B.A. (Yale), Ph.D. (Johns Hopkins), President
 FREDERICK WEBSTER OSBORN.....67 Cambridge Place
*B.A., M.A., (Yale), Emeritus Professor of Psychology and
 Philosophy*
 WILLIAM CLARKE PECKHAM.....406 Classon Avenue
B.A., M.A., (Amherst), Professor of Physics
 JOHN BARNARD WHITTAKER.....496 McDonough Street
Professor of Art
 WILLIAM WALDEMAR SHARE.....Crescent Club
*Ph.B., Ph.D. (Columbia), Professor of Chemistry and
 Geology*
 HENRY STOUT PETTIT.....50 Irving Place
*M.D. (L. I. Coll. Hospital), Director of the Gymnasium
 and Professor of Physical Education*
 ELIZABETH VENABLE GAINES.....296 Ryerson Street
B.A. (Adelphi), M.A. (Columbia), Professor of Biology
 JOHN A. SANFORD.....226 St. James Place
*B.A. (Brown), Ph.D. (Univ. of Minn.), Professor of the
 Latin Language and Literature*

OFFICERS OF INSTRUCTION AND GOVERNMENT 7

- JOSEPH BOWDEN.....24 Clifton Place
B.A., Ph.D. (Yale), *Professor of Mathematics*
- ADELBERT GRANT FRADENBURGH.....182 Midwood Street
B.A., (Allegh. Coll.), Ph.D. (Univ. Wis.), *Professor of History and Politics*
- ERNEST NORTON HENDERSON.....391 Lafayette Avenue
B.A., M.A. (University of Cal.), Ph.D. (Columbia), *Professor of Education and Philosophy.*
- JOHN FIRMAN COAR.....393a Lafayette Avenue
(Kaiser Wilhelm Gymn., Koeln), M.A., Ph.D. (Harvard),
Professor of the Germanic Languages and Literatures
- EDWIN A. GREENLAW.....111 Kenmore Place
B.A., M.A. (Northwestern), M.A., Ph.D. (Harvard), *Professor of the English Language and Literature*
- ANNA E. HARVEY.....469 Waverly Avenue
Professor of Froebelian Theory and Methods
- WILLIAM PHELPS MACFARLANE.....147 Greene Avenue
Professor of Oratory and Elocution
- ANNIE MARION MACLEAN.....290 Ryerson Street
B.A., M.A. (Acadia Coll.), Ph.M., Ph.D. (Chicago), *Professor of Sociology*
- JOHN BARTHOLOMEW O'CONNOR.....393 Lafayette Avenue
B.A. (Rochester), Ph.D. (Princeton), *Professor of the Greek Language and Literature*
- MARGARET SWEENEY.....168 St. John's Place
B.A. (Radcliffe), Ph.D. (Yale), *Assistant Professor of the English Language and Literature*
- LOUISE BOTH-HENDRIKSEN.....150 Lefferts Place
Emeritus Assistant Professor of History
- EUGENE MALOUBIER.....430 Lafayette Avenue
Baccalaureat-ès-lettres, Licencié-ès-lettres (Univ. of Paris)
Assistant Professor of Romance Languages and Literatures
- E. HELEN HANNAHS.....292 Ryerson Street
B.A. (Chicago), *Assistant Professor of Education and Psychology*
- ISABEL DIX FISHER.....126 Columbia Heights
(Grad. Boston Normal School of Gymnastics), *Assistant Professor of Physical Education*

Instructors

- ROSALIA CUEVAS.....451 Washington Avenue
Instructor in Romance Languages
- GRACE DELANO.....512 Lexington Avenue
B.A. (Adelphi), Instructor in English
- PATTI W. FOSTER.....2626 Broadway, Manhattan
(Grad. Savage Physical Development Institute), Assistant in Physical Education
- GEORGE KRIEHN.....408 Manhattan Avenue, Manhattan
B.A. (William Jewell Coll.), Ph.D. (Strassburg), Instructor in History of Art
- SARA C. MURRAY.....132 Lincoln Place
B.A. (Radcliffe), Ph.D. (Munich), Instructor in German and in Classical Languages
- N. LOUISE ROETHGEN.....159 Willoughby Avenue
B.A. (Adelphi), Instructor in Methods
- WILLIAM ARMOUR THAYER.....80 St. James Place
Director of Music
- RUDOLPH TOMBO.....321 St. Nicholas Avenue
(Gymn. zum Heiligen Kreuz, Dresden), Ph.D. (Rostock), Instructor in German

Administrative Officers and Assistants

- CHARLOTTE MORRILL.....324 Adelphi Street
M.A. (Adelphi), Bursar
- JOHN G. EWING.....58 Clifton Place
Superintendent of Buildings
- MABEL FARR.....556 Lafayette Avenue
Librarian
- HENRIETTA M. FLEMING.....377 East 17th Street
Secretary
- MAUD HARRISON.....270 St. James Place
Assistant Bursar
- GRACE DELANO.....512 Lexington Avenue
B.A. (Adelphi), Registrar

Standing Committees of the Faculty

The President is member *ex officio* of all Standing Committees

1. *Admissions and Advanced Standing:*

THE DEANS AND THE SECRETARY

2. *Courses of Study:*

EACH DIVISIONAL GROUP OF INSTRUCTORS

Chairmen of Divisions:

History and Philosophy.... PROF. E. N. HENDERSON

Languages and Literatures.. DR. JOHN F. COAR

Sciences and Mathematics... DEAN WM. C. PECKHAM

3. *Examinations:*

DR. BOWDEN

DEAN PECKHAM

DEAN SWEENEY

4. *Teachers Courses and the Summer Session:*

DR. FRADENBURGH

DR. GREENLAW

DR. HENDERSON

5. *Petitions:*

DEAN SWEENEY

ASST. PROFESSOR MALOUBIER

DEAN PECKHAM

PROFESSOR GAINES

6. *Commencement:*

DEAN PECKHAM

DR. MACLEAN

DR. SANFORD

7. *Graduate Students:*

DR. COAR

DR. GREENLAW

DR. SHARE

DR. O'CONNOR

8. *Athletics:*

DR. PETTIT

MISS FISHER

DEAN SWEENEY

9. *Permanent Schedule:*

DEAN SWEENEY

DR. SHARE

DEAN PECKHAM

DR. BOWDEN

Office Hours

(Except on holidays and during vacations)

The Executive Offices are open daily from September 1st to July 1st.

The office hours of the President are from 9.15 to 10.30 A. M., daily after the second week in September.

The office hours of the Dean of College Women during session time are from 9 to 10 A. M. and 2 to 3 P. M., all days except Saturdays.

The office hours of the Dean of College Men are on Tuesdays from 3 to 4 P. M., in Room 70.

The office hours of the Chairman of the Committee on Teachers Courses and the Summer Session are from 3 to 4 P. M. on Wednesdays, and from 9 to 10 A. M. on Saturdays.

The office hours of the Superintendent of the Normal School are from 2 to 3 P. M. on Fridays.

The Bursar's office is open on session days from 8.30 A. M. to 4.30 P. M.

The Art School is open to visitors for inspection on Wednesday mornings.

Admission to Adelphi College

Admission to the Freshman Class in Adelphi College is by examination or by certification from an approved school.

Examinations for Admission are held at the College in **June, September and January**, and students can begin college work either in September or in February.

The examinations in June are conducted in the College buildings by the College Entrance Examination Board, of which Board Adelphi College is a member. All applications for admission to these examinations must be addressed to the "Secretary of the College Entrance Examination Board, P. O. Sub-station 84, New York, N. Y.," and must be made upon a blank form to be obtained from the Secretary of the Board upon application. Applications for examination at points in the United States east of the Mississippi River, must be received on or before Monday, May 31, 1910. The examination fee is \$5.00 for all candidates examined at points in the United States and Canada. The fee (which cannot be accepted in advance of the application) should be remitted by postal order, express order or draft on New York to the order of the College Entrance Examination Board.

Entrance examinations in September are held at the College on Wednesday, Thursday and Friday of the week before the beginning of recitations in each year. Applications for admission to these examinations should be sent to THE SECRETARY OF THE FACULTY, Adelphi College, Brooklyn, before the second Monday in September.

Entrance examinations in January for admission at the beginning of the second semester are held during the last week of the month. Application for admission to these examinations should be sent to the Secretary before January 15th.

Order of Entrance Examinations

in September and January.

FIRST DAY

Cæsar and Cicero.....	9.00—10.30
English History	10.30—12.00
Chemistry	10.30—12.00
Anabasis, Trigonometry	10.30—12.00
Vergil and Sight Reading.....	1.00— 3.00
German	3.00— 4.30

SECOND DAY

English	9.00—10.30
Iliad and Sight Reading.....	10.30—12.00
Physics	10.30—12.00
Elementary Algebra, (i and ii).....	1.00— 3.00
United States History	3.00— 4.30

THIRD DAY

Geometry	9.00—11.00
Solid Geometry, Mediæval History.....	11.00—12.00
French	1.00— 2.30
Advanced Algebra	2.30— 4.30
Ancient History	2.30— 4.00

Definitions of Requirements for Admission

Adelphi College accepts the definitions of entrance requirements adopted by the College Entrance Examination Board.

The question-papers set by the College Entrance Examination Board are published annually in book form by Ginn & Co., Boston, Mass. For a more detailed statement of the requirement the reader is referred to the pamphlet containing definitions of requirements in each subject, which is published by the College Entrance Examination Board and may be obtained from its Secretary, Post-Office Sub-station 84, New York, N. Y.

1. ENGLISH

The requirement in English is that recommended by the Conference on Uniform Entrance Requirements in English.

NOTE.—No candidate will be accepted in English whose work is notably defective, in point of spelling, punctuation, idiom, or division into paragraphs.

a. Reading. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—given in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. **In every case knowledge of the book will be regarded as less important than the ability to write good English.** In preparation for this part of the examination, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

Candidates should read the books prescribed for the year in which they propose to present themselves for this part of the examination. Ten books, selected as prescribed below from the following list, are to be offered for examination:

GROUP 1 (two to be selected). Shakespeare's *As You Like It*, *Henry V.*, *Julius Caesar*, *The Merchant of Venice*, *Twelfth Night*. In 1913 and after, this becomes Group 2 (two to be selected). Shakespeare's *Midsummer Night's Dream* is then to be added to this list.

In 1913 and after, Group 1 will be as follows: *The Old Testament*, comprising at least the chief narrative episodes in *Genesis*, *Exodus*, *Joshua*, *Judges*, *Samuel*, *Kings* and *Daniel*, together with the books of *Ruth* and *Esther*. Homer's *Odyssey*, omitting, if desired, *Books I, II, III, IV, V, XV, XVI, XVII*; Homer's *Iliad*, omitting, if desired, *Books XI, XIII, XIV, XV, XVII, XXI*; Vergil's *Aeneid*, *The Odyssey*, *Iliad* and *Aeneid*, may be read in English translations of recognized literary excellence. For any unit of this group a unit from any other group may be substituted.

GROUP 2 (one to be selected). Bacon's *Essays*; Bunyan's *The Pilgrim's Progress, Part I*; Franklin's *Autobiography*; *The Sir Roger de Coverley Papers in the Spectator*. In 1913 and after,

this becomes Group 4 (two to be selected). Bacon's *Essays* are omitted and the following are added: Irving's *Sketch Book*; Macaulay's *Essay on Lord Clive and Warren Hastings*; Thackeray's *English Humorists*; Lincoln's *Two Inaugurals, Speeches in Independence Hall and at Gettysburg, Last Public Address, Letter to Horace Greeley*, with brief memoir of Lincoln; Parkman's *Oregon Trail*; Thoreau's *Walden*, or Huxley's *Autobiography* and Selections from *Lay Sermons*, including addresses on "Improving Natural Knowledge," "A Liberal Education," and "A Piece of Chalk"; Stevenson's *Inland Voyage and Travels with a Donkey*.

GROUP 3 (one to be selected). Chaucer's *Prologue* (omitted in 1913); Goldsmith's *The Deserted Village* (transferred in 1913 to Group 5); Palgrave's *Golden Treasury (First Series), Books II and III*, with especial attention to Dryden, Collins, Gray, Cowper and Burns (transferred in 1913 to Group 5); Pope's *The Rape of the Lock* (omitted in 1913); Selections from Spenser's *Faerie Queen* (omitted in 1913).

GROUP 4 (two to be selected). Blackmore's *Lorna Doone*; Dickens' *A Tale of Two Cities*; George Eliot's *Silas Marner*; Mrs. Gaskell's *Cranford*; Goldsmith's *The Vicar of Wakefield*; Hawthorne's *The House of Seven Gables*; Scott's *Ivanhoe* and *Quentin Durward*; Thackeray's *Henry Esmond*. In 1913 and after, this becomes Group 3 (two to be selected) Blackmore's *Lorna Doone* will be omitted, and the following added: Defoe's *Robinson Crusoe, Part I*; Dickens' *David Copperfield*; Stevenson's *Treasure Island*.

GROUP 5 (two to be selected). (In 1913 and after, this whole group is to be omitted.) Carlyle's *Heroes and Hero Worship*. In 1912 Carlyle's *Hero as Poet, Man of Letters, and as King*, is to be substituted for this; De Quincey's *Joan of Arc* and *The English Mail Coach*; Emerson's *Essays (Selected)*; Irving's *Sketch Book*; Lamb's *Essays of Elia*; Ruskin's *Sesame and Lilies*.

GROUP 6 (two to be selected). Coleridge's *The Ancient Mariner*, Scott's *The Lady of the Lake*, Byron's *Mazeppa* and *The Prisoner of Chillon*, Palgrave's *Golden Treasury (First Series), Book IV*, with especial attention to Wordsworth, Keats and Shelley; Macaulay's *Lays of Ancient Rome*, Poe's *Poems*, Lowell's *The Vision of Sir Launfal*, Arnold's *Sohrab and Rustum*,

Longfellow's *The Courtship of Miles Standish*, Tennyson's *Gareth and Lynette*, *Launcelot and Elaine* and *The Passing of Arthur* (in 1912, *The Princess*, in place of the three Idyls); Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought The Good News from Ghent to Aix*, *Evelyn Hope*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *The Boy and The Angel*, *One Word More*, *Hervé Riel*, *Pheidippides*. In 1913 and after, this becomes Group 5 (two to be selected). Byron's *Mazeppa* and Browning's *Evelyn Hope*, *The Boy and the Angel*, and *One Word More*, will be omitted. The following will be added: The Goldsmith and Palgrave items from Group 3 above; Gray's *Elegy in a Country Churchyard*; Byron's *Childe Harold, Canto IV*; Whittier's *Snow Bound*; Browning's *My Last Duchess*, and *Up at a Villa-Down in the City*.

b. *Study and Practice*. This part of the examination presupposes a more careful study of each of the works named below. The examination will be upon subject matter, form, and structure. In addition the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

Burke's *Speech on Conciliation with America*, or Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*; Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*; Milton's *Comus*, *Lycidas*, *L'Allegro*, *Il Penseroso*, Shakespeare's *Macbeth*.

In 1912 Tennyson's *Idyls of the King* may be used as an alternative to Milton's poems. In 1912 and after, *Lycidas* is to be omitted.

2. FRENCH

a. *Elementary Requirement* (two years' course). The translation of ordinary modern prose at sight into idiomatic English. The candidate should have read a minimum of four hundred pages, which ought to include the work of at least three authors.

The requirement in grammar comprises: The use of the article and partitive; inflections of nouns, adjectives, participles and pronouns; the use of personal pronouns, common adverbs, prepositions and conjunctions; familiarity with the regular con-

jugations and all but the rare irregular verbs; the simpler uses of the conditional and the subjunctive.

The student's knowledge of grammar will be tested chiefly by the translation of English sentences into French, but may also be tested by direct questions based on the French passage set for translation.

b. Intermediate Requirement (three years' course). Translation of standard French at sight, into idiomatic English. The candidate should have read, in addition to the amount specified under the *Elementary Requirement*, from four hundred to six hundred pages of modern prose and verse, which ought to include the work of at least four authors.

The requirement in grammar comprises a thorough knowledge of accidence and the essentials of syntax; in particular the student should be familiar with the uses of tenses, modes, prepositions, and conjunctions.

The student's knowledge of grammar will be tested chiefly by the translation of English sentences and of a piece of connected English prose into French, but may also be tested by direct questions based on the French passages set for translation.

It is recommended that the candidate be trained to take part in recitations conducted in French.

3. GERMAN

a. Elementary Requirement. The rudiments of grammar, including irregular verbs, elementary rules of syntax, and word order. Translation into German of easy variations upon sentences selected from the reading lesson. Drill in pronunciation and in taking German dictation.

Readings: 75 to 100 pages of graduated texts from a reader. Guerber's *Märchen und Erzählungen*, Vol. I.; Gerstaecker's *Germelshausen*; Storm's *Immensee*; Heyse's *L'Arabiata*. Equivalents may be offered.

b. Intermediate Requirement. An accurate knowledge of the principles of grammar, embracing inflections and syntax. Sight translation. Ability to take dictation, to follow a recitation conducted in German, and to write short themes based on the reading.

Readings: Lessing's *Minna von Barnhelm*, Schiller's *Wilhelm Tell*, one of Riehl's *Kulturhistorische Novellen*, Goethe's

Hermann und Dorothea, Moser's *Der Bibliothekar*. Equivalents may be offered.

4. GREEK

Grammar, a thorough knowledge of forms and syntax.

Xenophon, the *Anabasis*, Book I-IV.

Homer, the *Iliad*, Books I-III.

Prose composition based on the *Anabasis*.

Ability to translate at sight an ordinary passage of prose or poetry.

5. HISTORY

(a) Ancient history, with special reference to Greek and Roman history, and including a short introductory study of the more ancient nations and the chief events of the early Middle Ages, down to the death of Charlemagne

(b) Medieval and Modern European history, from the death of Charlemagne to the present time.

(c) English History.

(d) American History, including civics.

One unit for admission in History must mean the satisfactory completion of one year of historical study with not less than three class-exercises a week throughout the year.

6. LATIN

I. READING REQUIRED

1. The Latin reading required of candidates for admission to college, without regard to the prescription of particular authors and works, shall be not less *in amount* than Cæsar, *Gallic War*, I-IV; Cicero, the orations against Catiline, for the Manilian Law, and for Archias; Vergil, *Aeneid*, I-VI.

2. The amount of reading specified above shall be selected from the following authors and works: Cæsar (*Gallic War* and *Civil War*) and Nepos (*Lives*); Cicero (orations, letters, and *De Senectute*) and Sallust (*Catiline* and *Jugurthine War*); Vergil (*Bucolics*, *Georgics*, and *Aeneid*) and Ovid (*Metamorphoses*, *Fasti*, and *Tristia*).

II. SUBJECTS AND SCOPE OF THE EXAMINATIONS

1. *Translation at Sight.* Candidates will be examined in translation at sight of both prose and verse. The vocabulary, construction, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

2. *Prescribed Reading.* Candidates will be examined also upon the following prescribed reading: Cicero, orations for the Manilian Law and for Archias, and Vergil, Aeneid, I, II, and either IV or VI at the option of the candidate, with questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

3. *Grammar and Composition.* The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose. The words, constructions, and range of ideas called for in the examinations in composition will be such as are common in the reading of the year, or years, covered by the particular examination.

7. MATHEMATICS

(a) Elementary Algebra.

(i) *To Quadratics*, including the four fundamental operations for rational algebraic expressions, factoring, highest common factor and lowest common multiple by factoring, fractions, complex fractions, ratio and proportion, linear equations, square root of numbers and of polynomials, radicals, exponents.

(ii) *Quadratics and Beyond*, including quadratic equations, the binomial theorem for positive integral exponents, arithmetical and geometric progressions, and graphs.

(b) Plane Geometry, including the solution of original exercises, loci, and applications to the mensuration of plane figures.

(c) Advanced Algebra, including permutations and combinations, complex numbers with graphical representation, deter

minants, numerical equations of high degree, and theory of equations.

(d) Solid Geometry, including original exercises, loci, and mensuration of surfaces and solids.

(e) Trigonometry, including circular measurement of angles, proofs of formulas, solution of trigonometric equations, theory and use of logarithms, solution of right and oblique plane triangles, solution of right spherical triangles, with practical applications.

8. SCIENCE

(a) Chemistry, metals and non-metals, one year's study, with laboratory practice.

(b) Physics, at least one year's study, five hours weekly, with laboratory practice.

9. SPANISH

a. Elementary Requirement (two year's course). The translation of ordinary modern prose at sight, into idiomatic English. The student should have read a minimum of four hundred pages, which ought to include the work of at least three authors.

The requirement in grammar comprises: The use of the article, inflections of nouns, adjectives and pronouns; the use of personal pronouns, and common prepositions and conjunctions; mastery of all but the rare irregular verbs, and a knowledge of the simpler use of the moods and tenses.

The student's knowledge of grammar will be tested chiefly by the translation of English sentences into Spanish, but may also be tested by direct questions based on the Spanish passage set for translation.

b. Intermediate Requirement. Translation of standard Spanish at sight into idiomatic English. The candidate should have read, in addition to the amount specified under the *Elementary Requirement*, from five to six hundred pages of modern prose and verse, which should include the work of at least two authors.

Texts recommended: Galdós: *Doña Perfecta*, *Electra*; Tomayo y Baus: *Lo Positivo*; Nuñez de Arce: *El Haz de Lena*; Valdez: *José*; Moratin: *El Si de las Niñas*.

The requirement in grammar comprises a thorough knowledge of accidence and the essentials of syntax. The candidate

should be prepared to translate into Spanish sentences which exemplify grammatical difficulties, and ought also to be able to write an original composition in Spanish on the subject matter of the books offered for admission.

Point-Values of Subjects Required for Admission

The relative value of each subject offered for admission is stated in UNITS as follows:

<i>English</i>	b)	Study and Practice	(1)	}	3
	a)	Reading and Practice	(2)		
<i>French</i>	a)	Elementary	(2)	}	3
	b)	Intermediate	(1)		
<i>German</i>	a)	Elementary	(2)	}	3
	b)	Intermediate	(1)		
<i>Greek</i>	a)	Grammar and Prose Comp.	(1)	}	3
	b)	Xenophon, Anabasis I-IV	(1)		
	ch)	Homer, Iliad I-III and Sight Reading	(1)		
<i>History</i>	a)	Ancient	(1)		4
	b)	Medieval and Modern	(1)		
	c)	English	(1)		
	d)	American and Civics	(1)		
<i>Latin</i>	a)	Grammar and Prose Comp.	(1)	}	4
	b)	Cæsar, Gall. War I-IV	(1)		
	c)	Cicero, 7 Orations (Manilian as 2)	(1)		
	dq)	Vergil, Aeneid I-VI and Sight Reading	(1)		
<i>Mathematics</i>	a)	El Algebra		}	3
	i)	To Quadratics	(1)		
	ii)	Quadratics and beyond	(1)		
	b)	Pl. Geometry	(1)		
	c)	Adv. Algebra	(½)		1½
	d)	Solid Geometry	(½)		
	e)	Pl. and Sph. Trig.	(½)		

<i>Sciences</i>	Chemistry	1
	Physics	1
<i>Spanish</i>	a) Elementary	(2)
	b) Intermediate	(1)

Applicants for admission to College by examination must be at least sixteen years of age, and must be able to pass satisfactory examinations in subjects amounting to at least fifteen (15) units. Of these three (3) must be in English, three (3) in Mathematics, one (1) in History, and either four (4) in Latin or three (3) in Greek, French or German. No applicant can offer more than two languages other than English in satisfaction of these requirements.

Admission by Certificate

Applicants for admission to College by certificate must be at least sixteen years of age, and graduates of a high school or academy, approved by Adelphi College. They must have completed a four years' course, must be recommended for admission to College by the principal of the school from which they are graduated, must present a certificate provided by the College and filled out by the authorities of the school, and the subjects studied must include: Three (3) units in English, three (3) units in mathematics, one (1) unit in History, four (4) units in Latin or three (3) units in Greek, French or German, and, in addition, a sufficient number of subjects chosen from the foregoing list to make a total of fifteen units. No applicant can offer more than two languages, other than English, in satisfaction of these requirements.

Applicants for admission who present the College Entrance Diploma, issued by the New York State Education Department, under the ordinance adopted by

the Board of Regents, October 17, 1907, will be admitted to Freshman standing without examination, and without condition, provided that the choice of elective studies for that diploma enables the candidate to satisfy the Adelphi requirements for admission, as stated above.

Certificates of private tutors and of evening high schools are not accepted.

Admission to Advanced Standing

Candidates for admission to advanced standing will be required to pass satisfactory examinations upon the work already accomplished by the class to which they wish to be assigned.

The Faculty will accept properly authenticated certificates of work done in other colleges of good standing, but no student who enters Adelphi College upon such credentials may be graduated from Adelphi College unless a credit of at least 30 points has been obtained for courses taken while in residence at Adelphi College. For studies not pursued in residence and not certified to by a recognized institution of higher learning, credits toward the degree may be granted only in exceptional cases and only if the student passes successfully a special examination in each study for which credit is requested. Students who wish for a special examination of this kind in order to secure credit for advanced standing must at the time of matriculation file with the Dean an application setting forth distinctly the facts and the evidence on which the request is based. If the application is granted by the faculty, the special examination must be taken before the close of the first semester following matriculation.

Students applying for admission to College as candidates for the degree of Bachelor of Arts, who are

graduates of a normal or training school for teachers in the State of New York, maintaining a two years' training course, and under the supervision of the State Commissioner of Education or of the New York City Superintendent of Public Instruction, and who are also graduates from a four years' course in a recognized high school or its equivalent, may receive a credit of 34 points. Similar graduates from the one year course in the Brooklyn City Training School prior to the year 1904 may receive a credit of 18 points.

Normal and Training School graduates who have had less than a four years' course in a High School must satisfactorily remove any deficiencies in their record for secondary school work before receiving credit toward a degree for their Normal course.

Students of mature age, not candidates for a degree, may be admitted to courses of study, which they are competent to pursue, upon presentation of satisfactory evidence of proficiency.

CONDITION EXAMINATIONS for students who have to make up deficiencies in any department are held on the Thursday and Friday in September preceding the beginning of recitations.

Requirements for the Degree of Bachelor of Arts

The Freshman and Sophomore classes in Adelphi College together form the Junior College. The Senior College includes the Junior and Senior Classes.

All the studies in the College curriculum are arranged in three divisions, and each student, after admission to College, designates one of the divisions as a Major group of studies, and another as an Intermediate group; the remaining division must be the Minor group.

Candidates for the degree of Bachelor of Arts, which is the only baccalaureate degree now offered by Adelphi College, must satisfy the requirements of three such groups, each of which obviously must belong to a different division.

The semestral study is made the unit of computation. Each semestral study, unless otherwise provided, will have three weekly recitations and will be entitled to a credit of three points. Unless otherwise provided, a semestral study having less than three weekly recitations will be entitled to a credit of as many points as it has weekly recitations. All students in regular standing must take studies entitling them to 15 points of credit in each semester.

The three divisions in which the different departments of instruction now represented in the Faculty are grouped are described as follows:

1. The Division of History and Philosophy, comprising the departments of Economics, Education, History, Philosophy, Politics, Psychology and Sociology.
2. The Division of Languages and Literatures, comprising the departments of Elocution, English, Ger-

man, Greek, Latin and Romance Languages (French, Italian, Spanish).

3. The Division of Mathematics and Sciences, comprising the departments of Astronomy, Biology, Chemistry, Geology, Mathematics, Mineralogy, Music, Physics.

Each candidate for the Bachelor's degree must complete work for at least 54 points from the studies in a division chosen as Major, for at least 24 points from the studies in another division chosen as Intermediate, and for at least 12 points from the studies in the remaining division which will be the Minor. Credit for 30 points must also be obtained for studies chosen as free options from among any of the divisions. In meeting these requirements no student in the Junior College will be allowed to take in one semester in one division studies amounting to more than 9 points of credit. Also, *in satisfying the requirements of the various divisions no student may offer more than 24 points from one department in any Major division.*

Students who have in compliance with these regulations obtained a total credit of 60 points, who have removed all entrance conditions and have met the requirements of the Faculty concerning credits in the departments of Elocution and Physical Education are eligible to receive the Junior College certificate and to be admitted to the Senior College, and those who have in like manner obtained a credit of 120 points are candidates for the degree of Bachelor of Arts.

The point values of the necessary sequences in the various divisions may be summarized as follows:

DIVISION OF HISTORY AND PHILOSOPHY.

1. *As a Major Group.* In the department of History 18 points. In the department of Economics, 6

points, and in the department of Sociology, 6 points. In the department of Psychology, 6 points, and in the department of Philosophy, 6 points. In any departments of the Division, 12 points. Total, 54 points.

2. *As an Intermediate Group.* In the department of History 6 points (Hist. 1 and 2). In Economics, 6 points. In the department of Psychology, 6 points, and in either the department of Philosophy or the department of Sociology, 6 points. Total, 24 points.

3. *As a Minor Group.* In the department of History 6 points (Hist. 1 and 2). In any other departments of the division except Education, 6 points. Total, 12 points.

DIVISION OF LANGUAGES AND LITERATURES.

1. *As a Major Group.* In one department of the division, 24 points. In a second department, 18 points. In a third department, 12 points. (The Department of English must be one of the departments chosen and 6 points in English must be in English Composition, Courses 1 and 2.) Total, 54 points.

2. *As an Intermediate Group.* In department of English (6 points in English Composition, Courses 1 and 2), 12 points. In second department of the Division, 12 points. Total, 24 points.

3. *As a Minor Group.* In department of English (Courses 1 and 2), 6 points. In a second department of the Division, 6 points. Total, 12 points.

DIVISION OF MATHEMATICS AND SCIENCES.

1. *As a Major Group.* In department of Mathematics, 12 points. In departments of Sciences, 12 points. Optional, 30 points. Total, 54 points.

2. *As an Intermediate Group.* In department of Mathematics, 6 points. In departments of Sciences, 12

points. In any departments of the Division, 6 points.
Total, 24 points.

3. *As a Minor Group.* In departments of Sciences, 6 points. Additional Science or Mathematics, 6 points.
Total, 12 points.

Students will ordinarily not be permitted to take more studies in one semester than would entitle them to receive credit for 15 points. If a student's record in the immediately preceding semester shows the grade of "A" in at least 9 points, and the grade "B" in all other points and if the health of the student warrants it, the total of 15 points may, with the approval of the Dean, be exceeded. Students will not be permitted to take studies in the one semester which carry a total of more than 18 points.

Two hours a week in the department of Physical Education throughout the four semesters of the Junior College are required of all students in that College. Candidates for graduation must also attend the various courses of lectures that have been or may be authorized, even though such courses receive no value in points.

The course of study may be completed either in January or in June, but the conferring of degrees will usually occur at the June Commencement. All courses in Adelphi College are open to students without any restrictions concerning sex.

Students are advised to avail themselves of the exceptional educational opportunities afforded them in the unrivalled lecture and concert courses of the Brooklyn Institute.

Preparation for the Profession of Teaching

Adelphi College was incorporated by the Regents of the University of the State of New York, at Albany,

Wednesday, June 24, 1896. The degrees issued by Adelphi bear the seals of both the University and the College, and are signed by the Chancellor of the Board of Regents and the State Commissioner of Education, as well as by the officers of the College.

From the beginning the College has maintained such courses in pedagogy as were required for either State or City licenses for teaching. In the "Description of Studies" in the Division of History and Philosophy, and under the departments of Education and Psychology will be found an outline of the studies required from college students in order to obtain any of these licenses. Students who, as a part of their work for a degree, have satisfactorily completed the prescribed pedagogical studies are admitted to the New York City examinations for licenses to teach in the public schools of any grade, and are also eligible to receive the College Graduate Professional Certificate, issued by the State Education Department at Albany, valid for three years and renewable for life.

Requirements for the Degree of Master of Arts

A candidate for the degree of Master of Arts must be a graduate of Adelphi College or of some approved degree-granting institution.

On or before the last Wednesday in September the applicant must submit to the Secretary of the Faculty an official record of previous studies, which record, in the case of an applicant not graduated from Adelphi College, shall be approved by the Faculty before the applicant is admitted to courses for the degree of Master of Arts.

The ordinary requirement for the degree of Master of Arts consists of a full year of residence-study

approved by the Faculty as affording suitable preparation for the degree, and completed with high credit.

The applicant shall submit on or before the last Wednesday of September, to the Secretary of the Faculty, for approval by the Faculty, a program of the studies which the applicant wishes to take. The program of study must form a consistent plan of work, but need not lie wholly in *one* department or field. It must not include studies or courses which (or the equivalent of which) have formed part of the candidate's undergraduate work and have been counted toward the degree of Bachelor of Arts or Bachelor of Science. The program should ordinarily consist of four courses of instruction of advanced grade pursued for two semesters each or of the equivalent of four such courses, and of special work in each course carried on with the approval of the department concerned, and under the direction of the instructor.

The special work in one of these courses must be embodied in a thesis satisfactory to a Committee of the Faculty, which thesis shall be submitted not later than May 1st, to the Secretary of the Faculty, for approval by the Faculty.

In addition to the regular course-examinations, which must be passed with the grade A or B, all candidates for the degree are required to pass a final written and a final oral examination upon the general field of their work. The examinations will be conducted by the division in which candidates have taken the major part of their work.

Summer Session

The Summer Session of Adelphi College will begin on Wednesday, July 6, 1910, and will close on Tuesday, August 16. Summer Session courses will consist of two three, and four point courses, one point meaning 15 hours.

All courses given in the Adelphi College Summer Session are approved by the State Department of Education and by the Board of Examiners of the New York City Department of Education.

Each student who satisfactorily completes the work of any course, including a final examination, may receive a certificate testifying to that fact. This certificate, if it covers the proper subject or subjects, will be accepted by the Department of Education of the City of New York as satisfying a part of the requirements for the license as principal of elementary schools, and for other higher licenses.

The tuition for each two or three point course is \$15. and for each four point course is \$20. All tuition is payable in advance at the Bursar's office in the College.

All persons who intend to take courses in the Summer Session are requested to send their applications to the Chairman of the Committee on Summer Session, if possible, before May 20, 1910. The schedule of classes will be arranged by June 1st, and will be sent to all who have registered.

Those who wish to confer with the officers of the college concerning the Summer Session may call at the College (Clifton Place entrance) on Saturday mornings

SUMMER SESSION

from 9 to 10, or on Tuesday afternoons from 4 to 5 until June 14, 1910.

COURSES OFFERED IN THE SUMMER SESSION, 1910.

Numbers following the titles of subjects are the numbers of these courses in the "Description of Courses" found elsewhere in this catalog. Courses in subjects other than those mentioned below will be offered provided a sufficient number of persons apply for them before June 1.

I. Division of History and Philosophy

Department of Economics: Economics, 102. Open only to students who have taken Economics 101, or its equivalent, (3).

Department of Education: History of Education, 107, (2); Methods of Teaching and School Management, 123, (4); Principles of Education, (4).

Department of Psychology: Psychology 2, (2).

Department of History: American History and Government, 113. This course will be offered as a sixty-hour course, if a sufficient number of students so desire, (3 or 4); The Civil War and Reconstruction, 114 (3); English History, 4 (3).

II. Division of Languages and Literatures

Department of English: English, 3. The History of English Literature in Outline, (3); English, 106. American Literature, (3).

Department of Latin: Latin C, Cicero; Latin D, Vergil. Latin C and D cannot receive college credit excepting for students who have offered other languages for admission. They are offered here for the special benefit of those who need to complete preparatory work. Latin 2, Horace (3).

Department of Greek: Greek, 2 (3).

Departments of Modern Languages:

Elementary German, A or B, (3 each).

Intermediate German, C or D, (3 each).

German, 1 or 2, (3 each).

German, 3 or 4, (3 each).

German, 103 or 104, (3 each).

Elementary French, A or B, (3 each).

French, 1 or 2, (3 each).

Elementary Italian, A (3).

Elementary Spanish, A (3).

III. Division of Sciences and Mathematics

Department of Biology: Botany 3 or 4, (4).

Department of Mathematics: Math. C and D, a review of Algebra and Plane Geometry, for those who need to prepare for entrance examinations. No college credit is allowed for this work. Math. 2; Solid Geometry, (2).

Courses for Teachers

From its beginning Adelphi College has maintained classes that meet in the late afternoon, the evening, or on Saturday mornings, for the especial benefit of teachers and other mature and qualified persons who may wish to study toward a degree without surrendering their positions in the schools or in other occupations. In these courses all the work of the College curriculum that is necessary in order to obtain a degree may be obtained in regular College classes within a reasonable limit of time.

These courses for teachers will not only count toward a degree, but may also be of service in meeting the requirements for promotion and higher licenses.

Classes for teachers, whether during the usual academic year or in the Summer Session, are not what are often termed Extension Courses. They are conducted as regular College Classes with all requirements of atten-

dance, recitation, examination and laboratory work that are imposed upon undergraduate students.

Persons who desire to enter any course, or courses, should register on or before Sept. 15, 1910, if possible. The schedule of classes will be ready about Sept. 20, and will be sent to all who have registered.

Teachers Courses consist of 30, 45, 60, and 90-hour courses. All class-exercises will be conducted in periods of fifty-five minutes each.

The following courses are offered for the College year 1910-1911. Other courses may be offered, provided a sufficient number of persons apply for them before Oct. 1, 1910.

Sessions of all classes in Teachers Courses will begin during the first week in October.

I. Division of History and Philosophy

Department of Education: History of Education, 107 (2); Principles of Education, 108 (4).

Department of History: Medieval History, 1 (3); History of the Renaissance, 2 (3); History of Modern Europe, 102 (3); Ancient History, 115 (3); Ancient History, 116 (3).

Department of Philosophy: Logic, 101 (3); Ethics, 102 (3); History of Philosophy, 103 (3).

Department of Sociology: Introduction to Sociology, 1 (3); Social Elements, 2 (3).

II. Division of Languages and Literatures

Department of English: Rhetoric and Composition, 1 (3); English Prose, 2 (3); Elizabethan Drama, 4 (3); Milton, 104 (3).

Department of Germanic Languages: German, A or B, (3 each); German, 1 (3); German, 4 (3); German, 103 (3); German, 104 (3); German, 113 (2); German, 114 (2).

Department of Greek: Greek, 3 (3); Greek, 4, (3).

Department of Latin: Latin, 1 and 2 (6); Latin, 3 and 4 (6).

Department of Romance Languages: French, A and B (6); French, C and D (6); French, 103 and 104 (6).

Classes in elementary Spanish and Italian will be formed if a sufficient number of applications are received.

III. Division of Mathematics and Sciences

Department of Biology: Sanitation and Hygiene, 109 and 110 (6).

Department of Geology: Geology, 1 and 2 (6).

Department of Mathematics: Mathematics, 1 (4 points for the year); Mathematics, 8 (4 points for the year).

For further information concerning Teachers' Courses, address "Dr. A. G. Fradenburgh, Adelphi College, Brooklyn."

Outline of the Six Courses

One of which must be chosen by each student.

No student may take during any semester of the Junior College, more than 9 points in any one division.
Of the 54 points in any major division not more than 24 may be chosen in one department.

	Hist & Phil. Lang. & Lit. Math. & Sc.	Course 1	H. M. L.	Course 2	L. H. M.	Course 3	L. M. H.	Course 4	M. H. L.	Course 5	M. L. H.	Course 6
Major 54	Hist. Econ. Sociol. Psych. Phil. Any depts. of division	18 6 6 6 6 12	18 6 6 6 6 12	Hist. Econ. Sociol. Psych. Phil. Any depts. of division	18 6 6 6 6 12	1st Lang. 2d Lang. 3d Lang. One lang. must be English.	24 18 12 One lang. must be English.	24 18 12 One lang. must be English.	24 18 12 Any depts. of division	Math. Science Any depts. of division	12 12 30 of division	Math. Science Any depts. of division
Int. 24	Eng. 2d Lang. Science Math. or Sci.	12 12 12 6	12 12 12 6	Math. Science Any depts. of division	6 12 6 6	Hist. Econ. Psych. Phil. or Sociol.	6 6 6 6	Math. Science Any depts. of division	6 12 6 6	Hist. Econ. Psych. Phil. or Sociol.	6 6 6 6	Eng. pd Lang. Lang. Any other depts. of division except Edu.
Minor 12	Science Math. or Sci.	6 6	6 6	Eng. 2d Lang.	6 6	Science Math. or Sci.	6 6	Hist. Any other depts. of division except Edu.	6 2d Lang. 6	Eng. 2d Lang. 6	6 6 6	Hist. Any other depts. of division except Edu.
Free Elec. 30												

Description of Studies Leading to Degrees

In numbering the courses odd numbers are assigned to all studies in the first semester of each year and even numbers to all studies in the second semesters. Courses that are offered primarily as Junior College studies are numbered between 1 and 100. Courses offered primarily as Senior College studies are numbered from 101 upward. Elementary courses in the languages are designated by capital letters, as A, B, C, D.

Figures within parentheses at the end of each paragraph show the semestral point value of the course.

I. Division of History and Philosophy

Department of Economics

Professor FRADENBURGH.

Courses 101 and 102 are required of all students in the first year of the Senior College, excepting that they may be optional for those who make the division of History and Philosophy their minor group.

101. OUTLINES OF ECONOMICS.

A general introduction to the study of economics with the design to familiarize the student with the fundamental principles of the subject. In addition to the work in the text books collateral reading is required, especially upon the past and present industrial life in England and the United States. Recitations, discussions, lectures. (3.)

102. ECONOMIC PROBLEMS.

Special attention is devoted to the subject of taxation and municipal economics. Open to students who have taken Course 101. (3.)

103. ECONOMIC HISTORY.

A study of the evolution of industrial life with special reference to England and the United States. (3.)

104. THE ECONOMICS OF DISTRIBUTION.

A study of the more recent theories of distribution and their application to practical economics. Open to graduates and especially qualified undergraduates. (3.)

Department of Education

Professor HARVEY, Professor HENDERSON, Assistant Professor HANNAHS, Miss ROETHGEN.

Students who wish to be admitted to examination for teachers' licenses in New York City should take Courses 101, 102, 107, and 108. Those who wish licenses to teach in elementary schools should take, in addition, Courses 103 and 104. All who wish the College Graduate Professional Certificate issued by the Regents of the State of New York should take Courses 101, 102, 107, 108, and either 103 and 104 or 106. The work may be taken either in the same year or successive years. The latter plan is recommended, and it is suggested that Courses 101 and 102 be first taken. Only thus can Courses 103 and 104, important for elementary teachers, be taken. As a prerequisite to admission to any of the above-mentioned courses in education the student must have completed Courses 1 and 2, or 3 and 4 in the Department of Psychology, or an equivalent.

Students who intend to enter the examinations for City licenses are advised to take also Course 101 in the Department of Philosophy.

101. EDUCATIONAL PSYCHOLOGY.

See Psychology, 101.

(3.)

102. GENERAL METHODS OF TEACHING.

Critical study of the general principles underlying teaching. The course involves observation and criticism of class instruction. Assistant Professor HANNAHS. (3.)

103 and 104. CURRICULUM AND METHODS OF TEACHING
IN THE ELEMENTARY SCHOOL.

Lectures and conferences, with observation and criticism of class-room work. Assistant Professor HANNAHS. Each semester. (1.)

106. SPECIAL METHODS.

The departments of LATIN, ENGLISH, GERMAN, FRENCH, HISTORY, MATHEMATICS, PHYSICAL EDUCATION and BIOLOGY, offer courses in the Curricula and Methods of Teaching each of these Subjects in the Secondary School. (1.)

107. HISTORY OF EDUCATION.

Greek and Roman education. The leading movements in the history of culture from the appearance of Christianity to the twentieth century and their effects on the schools. Assistant Professor HANNAHS. (3.)

108. PRINCIPLES OF EDUCATION.

The part education has played in evolution. Its function, both in individual development and social life. Evolution of educational agencies. Lectures, conferences and reports. Assistant Professor HANNAHS. (3.)

110. PRIMARY EDUCATIONAL PRINCIPLES.

Discussions, readings, and essays. The purpose of this course is to show Froebel's conception of education through a study of his works and the practical application of his theory to education in the kindergarten. Second year Normal class, second semester, two hours weekly. Assistant Professor HANNAHS. (2.)

112. FROEBELIAN THEORY AND METHODS.

Study of the gifts, games, occupation, stories and nature work, with reference to their adaption to child-nature and

its development. Second year Normal, second semester, three hours a week. Professor HARVEY and Miss ROETHGEN. Open to students who have credit for Courses 19 and 20. (3.)

114, 115, 116. FROEBEL'S PHILOSOPHY in "The Mother Play."

First year Normal, second semester, once a week; second year Normal, once a week throughout the year. Professor HARVEY and Miss ROETHGEN. For the whole course. (3.)

117, 118. MODERN HISTORY AND HISTORY OF EDUCATION.

This course is designed for Normal students and involves a study of the chief and cultural movements of Modern History, and of the influence that these movements have exerted upon education. Three hours a week. Assistant Professor HANNAHS. (3.)

120. CURRENT PROBLEMS IN THE ELEMENTARY SCHOOL.

A study of present day issues in regard to the curriculum and method of teaching in the elementary school. Individual studies, investigations and reports. Second semester. (3.)

122. DEVELOPMENT OF EDUCATION IN THE NINETEENTH CENTURY.

Sketch of the rise of national systems of education. Modern educational theory from the time of Herbart. Present day problems in education, especially in the United States. Lectures, reports, discussions, and one extended essay. Second semester. (3.)

123. METHODS OF TEACHING AND SCHOOL MANAGEMENT.

(A) *Methods*. Critical study of the general principles underlying teaching. Special treatment of the various subjects of the elementary school curriculum. (B) *School Management*. Such topics as the following are included:

Seating, School Hygiene, Grading and Promotion, Discipline and Government, Incentives and Devices, Play and Games, Programs, Seat Work and Busy Work, How to Study, Examinations, Tests and Reviews, School Spirit, School and Community, Teacher Improvement, School Room Decoration, etc. Lectures, discussions, and reports. 60 hours. (4.)

125. KINDERGARTEN PRINCIPLES AND METHODS.

Designed for primary teachers who desire to become acquainted with kindergarten methods, either in order to help them in primary work, or in order to qualify for a kindergarten license. Miss HARVEY. (3.)

126. PRIMARY METHODS.

A course designed chiefly for teachers who hold a kindergarten license and who desire to fit themselves to teach the first primary grade. Miss ROETHGEN. (3.)

THE FOLLOWING COURSES are prescribed only for students in the Normal School for Kindergartners.

13 and 14. ORAL AND WRITTEN ENGLISH.

Study of Rhetoric with themes. First year Normal, once a week throughout the year. Miss DELANO.

15. NATURE METHODS.

Adaptation of nature work and plans for using the same in the daily program. Second year Normal, first semester, once a week. Miss ROETHGEN.

16. PRIMARY METHODS.

Lesson plans, discussions and readings on the methods of teaching, reading, language, phonics, writing and primitive life, in the lower grades. Second year Normal, second semester, one hour weekly. Miss ROETHGEN.

19, 20. GIFTS AND OCCUPATIONS.

Practical application, lectures, essays and discussions. Study of the educational value of Gifts and Occupations

and their place in Froebel's system. First year Normal, six hours a week; second year Normal, three hours a week. Professor HARVEY and Miss ROETHGEN.

21, 22. GAMES AND STORIES.

Practice in telling and writing kindergarten stories. Classification of the same for practical purposes; as, fairy tales, historic stories, nature stories. Practical playing of kindergarten games. Educational value of traditional and other games as systematized by Froebel. First year Normal, first semester, once a week; second semester, twice a week. Second year Normal, twice a week. Professor HARVEY.

Department of History and Politics

Professor FRADENBURGH, Dr. KRIEHN, Professor
MACLEAN.

1. MEDIEVAL HISTORY.

The origin and development of feudal society and institutions; the political history of central and southern Europe to the fifteenth century. Required of all students in the first year. (3.)

2. HISTORY OF RENAISSANCE.

A study of the social, religious, and political issues of the Renaissance, the fifteenth and sixteenth centuries. Required of all students in the first year. (3.)

3. ENGLISH HISTORY.

English history to the execution of Charles I, with especial reference to the Tudor period and the Puritan Revolution. (3.)

4. ENGLISH HISTORY.

The political and social development of England since the Puritan Revolution. (3.)

101. FRENCH HISTORY.

The ancient Régime and the French Revolution. Omitted in 1910-1911. (3.)

102. HISTORY OF THE NINETEENTH CENTURY.

Topical studies in modern history. The age of the settlement of parliamentary government and racial consolidation. (Omitted in 1910-1911.) (3.)

103. AMERICAN HISTORY.

A topical study of American history from the Colonial period to the "Era of Good Feeling." (3.)

104. AMERICAN HISTORY.

The history of the United States from the "Era of Good Feeling" through Reconstruction. (3.)

105. BIBLICAL HISTORY AND LITERATURE.

This course will include a history of the Bible, both of the Old and of the New Testament; manuscript copies; the most important versions; the English Bible; an outline of Jewish history to the Exile, with frequent reference to Jewish institutions, religious, political, and economic. (3.)

106. STUDIES IN THE LIFE OF CHRIST AND IN THE ORGANIZATION OF THE CHRISTIAN CHURCH.

An outline of Jewish history from the Exile to the birth of Jesus Christ. The growth of the Messianic idea. Palestine in the time of Christ. Selected studies in the Gospels. The formation of the Christian Church. (3.)

107 and 108. SEMINAR IN HISTORY.

Open to especially qualified Seniors and graduates. Bibliography, reports, historical criticism and discussions. Two hours a week throughout the year. Dr. FRADENBURGH. For the year. (3.)

111. HISTORY OF ART.

Architecture, sculpture and decorative arts of the Egyptians, Assyrians, Persians, Greeks, Romans, and of

the Byzantine Empire. Study of Gothic and Renaissance architecture, sculpture and painting begun. Open to students who have credit for History 1 and 2. (3.)

112. HISTORY OF ART.

Study of Renaissance art continued and concluded. Development of modern art in the Netherlands, Germany, Spain, England and America. Study of ancient art in Asia. The Japanese renaissance. Open to students who have credit for History 111. (3.)

113. AMERICAN HISTORY AND GOVERNMENT.

A topical study of American history, with special reference to the needs of those who desire to become departmental teachers, or who wish to meet requirements for a higher license. This will be offered as a 60-hour course if a sufficient number of students so desire. (3 or 4.)

114. AMERICAN HISTORY.

The Civil War and Reconstruction. This course is open only to those who have completed a college course of not less than sixty hours in American History. (3.)

115. ANCIENT HISTORY.

The history of the Græco-Roman civilization to the age of the Cæsars. Dr. O'CONNOR. (3.)

116. ANCIENT HISTORY.

The Græco-Roman civilization under the Roman Empire. Dr. O'CONNOR. (3.)

117. POLITICAL SCIENCE.

A study of the origin, nature, form and functions of the State. (3.)

118. COMPARATIVE POLITICS.

A study of the development of the present constitutions of the great nations of the world and a comparison of the same. (3.)

Department of Philosophy

Professor HENDERSON.

101. LOGIC.

The elements of formal logic, deductive and inductive, with a consideration of theories of the nature and validity of judgment. (3.)

102. ETHICS.

The psychology of the moral life. Types of ethical theory. Evolution of the moral conceptions. Modern ethical problems. (3.)

103. HISTORY OF PHILOSOPHY.

General survey of ancient philosophy and of modern philosophy up to the time of Kant. An introductory course designed to present the typical systems and to trace their relation to practical life. (3.)

104. MODERN PHILOSOPHY.

The leading phases of philosophic thought since the time of Kant. Idealism; Realism; Pessimism; Positivism; Agnosticism; the Philosophy of Evolution; Humanism and Pragmatism. (3.)

105 and 106. HISTORY OF PHILOSOPHY.

A course covering in somewhat briefer survey the ground of courses 103 and 104. Designed for teachers and given two hours a week throughout the year. (4.)

Department of Psychology

Professor HENDERSON, Assistant Professor HANNAHS.

1 and 2. PSYCHOLOGY.

Elementary analysis of consciousness with attention to its functions and to its relation to the nervous system. Applications of psychology to phases of practical life. Professor HENDERSON. (6.)

3 and 4. ELEMENTARY PSYCHOLOGY.

Introduction to the study of psychology. First year Normal, two hours a week. Assistant Professor HANNAHS. (4.)

5 and 6. PSYCHOLOGY OF THE CHILD.

The study of the physical and mental growth of children with especial reference to its relation to the work of the kindergarten and the primary school. Second year Normal, three hours a week. Professor HENDERSON. (6.)

101. EDUCATIONAL PSYCHOLOGY.

The development of mental functions during infancy and childhood. Critical study of educational practices from the points of view of analytical and experimental psychology. (The same course as Education, 101). Assistant Professor HANNAHS. (3.)

Department of Sociology

Professor MACLEAN.

2. PRACTICAL SOCIOLOGY.

A study of population and social organization, with suggestions for constructive work, designed particularly to meet the needs of kindergartners. Normal course (3.)

101. INTRODUCTION TO SOCIOLOGY.

This course is designed to afford a synthetic view of social phenomena, and to furnish the student with a scientific method for the study of ordinary human association and fundamental social problems. (3.)

102. SOCIAL ELEMENTS.

The purpose of this course is to show the connection between the different elements that make up society, and to study particularly the family, industrial society, and the constructive educational and religious forces at work. (3.)

103. MODERN PHILANTHROPY.

A study of the nature and origin of the dependent and defective classes; principles and methods of relief; organization and management of State institutions. (3.)

104. CRIMINAL SOCIOLOGY.

A study of the causes, nature and treatment of crime, the principles of criminal anthropology, criminal jurisprudence and penology. (3.)

105. ADVANCED SOCIOLOGY.

A critical study of sociological theory. Open to graduates and especially qualified undergraduates. First semester. (3.)

107 and 108. SEMINAR.

Open to graduates and especially qualified undergraduates. Two hours a week throughout the year. For the year. (3.)

110. MODERN CITIES.

A study of the development of cities, with special reference to American municipalities, their physical conditions, public services, political, industrial and social groupings. (3.)

111. RURAL COMMUNITIES.

A study of rural social life in America, the problem of isolation, and organization for improvement. (3.)

II. Division of Languages and Literatures

Department of the English Language and Literature.

Professor GREENLAW, Assistant Professor SWEENEY,
Miss DELANO.

1. RHETORIC AND COMPOSITION.

Description and Exposition: a course in theme writing, with frequent conferences. Required of all students in the first year of the Junior College. Assistant Professor SWEENEY and Miss DELANO. (3.)

2. ENGLISH PROSE.

A critical study of prose selections, and of the structure of the short story. Weekly and fortnightly themes. Required of all students in the first year of the Junior College. Assistant Professor SWEENEY and Miss DELANO. (3.)

3. THE HISTORY OF ENGLISH LITERATURE IN OUTLINE.

The course is designed as a preparation for more detailed work in other courses. A brief manual is used, together with selections illustrating the historical development of English literature. Conferences and reports. Professor GREENLAW and Miss DELANO. (3.)

4. THE ELIZABETHAN DRAMA.

Marlowe, Shakspeare, Jonson, with some account of the development of the drama in the sixteenth century. Supplementary reading and reports. Professor GREENLAW and Miss DELANO. (3.)

5 and 6. ENGLISH COMPOSITION.

Theme-work, required from all students in the first year of the Normal Course. One hour a week, each semester. Miss DELANO. (2.)

101, 102. ENGLISH COMPOSITION: ADVANCED COURSE.

Designed for students who have passed in English 1, with a mark higher than C. The course may be elected for two years. Professor GREENLAW. For each year. (2.)

103. NON-DRAMATIC LITERATURE OF THE ELIZABETHAN PERIOD.

Spenser and his contemporaries; the influence of Italy, France and Germany. Professor GREENLAW. (3.)
(Offered in 1910-1911 and in alternate years.)

104. MILTON.

Professor GREENLAW. (3.)
(Omitted 1909-1910; to be given 1910-1911.)

106. AMERICAN LITERATURE.

From the beginning to the present time. Open to all students in either College who have had Courses 1-3, or their equivalent. Professor GREENLAW. (3.)
(Given in 1909-1910 and in alternate years.)

107. CLASSICISM.

The sources of English Classicism, both foreign and native; Dryden and Pope and their imitators; Swift and Addison. (3.)

108. ROMANTICISM.

From the beginning of the movement to 1830, with special stress upon English poetry from Wordsworth to Keats. Assistant Professor SWEENEY. (3.)
(Offered in 1909-1910 and in alternate years.)

109. VICTORIAN PROSE.

The Essay from Carlyle to Stevenson; Eliot, Thackeray, Dickens, and their contemporaries. Assistant Professor SWEENEY. (3.)

110. VICTORIAN POETRY.

Tennyson, Browning, Arnold, Rossetti, Swinburne, Morris. Assistant Professor SWEENEY. (3.)
(Omitted 1910-1911.)

111. ANGLO-SAXON.

An elementary course, using Bright's *Anglo-Saxon Reader* as a basis. The object is to give a reading knowledge of the language and some appreciation of the literature. Professor GREENLAW. (3.)

112. BEOWULF.

A continuation of English 111. Professor GREENLAW. (3.)
(Courses 111 and 112 are offered in 1909-10 and in alternate years.)

113. CHAUCER.

An introduction to Middle English. A considerable portion of the *Canterbury Tales* will be read, and if time permit, some selections from Chaucer's other works. Professor GREENLAW. (3.)

114. MIDDLE ENGLISH.

Supplementary to Course 113. The history of English literature, 1200-1557, with selections from ballads, romances, the drama, and other literature. Professor GREENLAW. (3.)
(Courses 113 and 114 are given 1908-09 and in alternate years.)

115. THE ENGLISH NOVEL.

The history of the novel is traced rapidly from the sixteenth to the mid-eighteenth century, but the main stress of the course is upon the development of English prose fiction from Richardson to the present time. Professor GREENLAW. (3.)
(Omitted 1910-1911.)

116. THE THEORY AND HISTORY OF CRITICISM.

An examination of critical theory, as presented by Plato, Aristotle, Sidney, Ben Jonson, Dryden, Pope, Boileau, Addison; the more important nineteenth century critics in England and in France. Assistant Professor SWEENEY. (3.)

118. SHAKSPERE: ADVANCED COURSE.

Two or three plays will be studied critically, with special topics of investigation. Open to those only who have passed with credit in English 4, or an equivalent. Professor GREENLAW. (3.)

Department of Oral English

Professor MACFARLANE.

1 and 2. ELOCUTION AS APPLIED TO THOUGHT READING.

Speech art and its relation to personality. Interpretive reading and analysis. The interpretation of dramatic plays, ancient and modern. The imaginative quality in expression. One hour a week, one semester, Freshman and Sophomore classes.

Department of Germanic Languages and Literatures

Professor COAR, Dr. TOMBO, Dr. MURRAY.

GERMAN A. ELEMENTARY COURSE.

This course is intended for students who have not presented German for admission and have no previous knowledge of the language. Elements of grammar, reading, writing. German A will count toward the degree only if credit is obtained for German B. First semester. (3.)

GERMAN B. ELEMENTARY COURSE (Continued).

Review of the elements of grammar; dictation based on the reading; frequent short themes in German. A large amount of easy German prose will be read. Open to students who have credit for Course A, or who have studied the language for one year in an accredited preparatory school. German A and B will remove an entrance condition in Elementary German. Second semester. (3.)

GERMAN C. INTERMEDIATE COURSE.

Rapid review of the elements of grammar; syntax; dictation, short themes based on the reading; prose writers of the

nineteenth century. Open to students who have credit for German A and B, or who present Elementary German for admission. First semester. (3.)

GERMAN D. INTERMEDIATE COURSE (Continued).

Special problems of grammar; syntax; dictation, short themes based on the reading. Lessing, *Minna von Barnhelm*; Schiller, *Wilhelm Tell*; Goethe, *Hermann und Dorothea*. Collateral reading from selected work on German history. Open to students who have credit for Course C, or, under certain conditions, to students who enter at mid-year and have credit for Elementary German on admission. German C and D will remove an entrance condition in Intermediate German, or will count toward the degree for all students who do not offer Intermediate German on admission. Second semester. (3.)

1. INTRODUCTION TO GERMAN LITERATURE.

Goethe, *Dichtung und Wahrheit* (selections), *Goetz von Berlichingen*, *Gedichte* (selections). Rapid reading, dictation, short themes, conferences. Collateral reading from Coar's *Modern German Literature*, Bielschowsky's *Goethe*, and standard works of German history. Open to students who have credit for German D or who present Intermediate German on admission. (3.)

2. INTRODUCTION TO GERMAN LITERATURE.

Schiller, *Don Carlos*, *Wallenstein*, *Gedichte* (selections); rapid reading, dictation, short themes, conferences. Collateral reading from Hettner's *Die deutsche Litteratur im 18 Jahrhundert*; Hillebrand's *Zeiten Völker und Menschen*; Berger's *Schiller*; Brahm's *Schiller*. Open to students under the same conditions as German 1. (3.)

3. GOETHE.

A study of the life and works of Goethe previous to his friendship with Schiller, *Egmont*, *Iphigenie*, *Torquato Tasso*. Monthly themes in German and English, and a semestral essay in English. A considerable amount of col-

lateral reading will be required. Students will be provided with a syllabus of the course at the beginning of the semester. Open to students who have credit for German 2. (3.)

4. SCHILLER.

A study of the life and works of Schiller, with some reference to Goethe; *Maria Stuart*, *Die Jungfrau von Orleans*, *Die Braut von Messina*. Monthly themes in German and English, and a semestral essay in English. A considerable amount of collateral reading will be required. Students will be provided with syllabus of the course at the beginning of the semester. Open to students who have credit for German 1 and 2, or German 3. (3.)

101. LESSING.

A study of the critical and dramatic works of Lessing, with some reference to Herder, Goethe, Schiller, and to German, French and English literature and esthetic criticism of the seventeenth and eighteenth centuries. Monthly reports and semestral essay. The course is open primarily to students who have credit for German 3 and 4. The course will alternate with German 107. (3.)

(To be omitted in 1910-1911.)

103. GERMAN LITERATURE IN THE FIRST HALF OF THE NINETEENTH CENTURY.

Romanticism and the romantic ideals of art and life. A considerable amount of collateral reading will be required. Monthly themes in English and German, and a semestral essay in English. Students will be provided with a syllabus of the course at the beginning of the semester. Primarily for students who have credit for German 3 and 4. (3.)

104. GERMAN LITERATURE IN THE SECOND HALF OF THE NINETEENTH CENTURY.

Realism, naturalism, mysticism. A considerable amount of collateral reading will be required. Monthly themes in English and German, and a semestral essay in English.

Students will be provided with a syllabus of the course at the beginning of the semester. Open to students under the same conditions as German 103, or to students who have credit for German 103. (3.)

106. GOETHE'S FAUST.

A critical study of the drama and of Goethe's philosophy of life. Open only to students who have credit for German 3 and 4 or 101. This course will alternate with German 116. (3.)

(To be omitted in 1910-1911.)

107. THE GERMAN NOVEL.

The history of the novel is traced in outline from its early beginnings, but the main stress of the course is upon the development of German prose fiction in the nineteenth century. Open to students who have credits for three of the following courses: German 3, 4, 101, 103, 104. The course will alternate with German 101. (3.)

108. THE GERMAN DRAMA.

The history of dramatic literature in German will be traced in outline from its early beginnings, but the main stress of the course is upon the development of German drama since Lessing. Open to students under the same conditions as German 107. The course will alternate with German 106. (3.)

(To be omitted in 1910-1911.)

111. DER DEUTSCHE AUFSATZ.

A study in good style and practice in writing German essays. The course will be conducted in German. Open only to students who have credit for three of the following courses: German 2, 3, 4, 101, 103, 104, 107. (1.)

112. DER DEUTSCHE AUFSATZ (continuation of German 111).

Open to students on the same conditions. German 111 and 112 are a requirement for honors in German. (1.)

(German 111 and 112 may each be taken in two successive years.)

113. HISTORY OF THE GERMANIC LANGUAGES.

Phonology. Consonants and vowels. The relation of modern German to modern English. This course is intended for students who purpose to teach German. Open only to students who have credit for six of the following courses: German 1, 2, 3, 4, 101, 103, 104. (1.)

114. HISTORY OF THE GERMAN GRAMMAR.

Etymology. Prefixes and suffixes. Declensions and conjugations. Special problems in grammar and syntax. Open only to students in Senior College who have credit for German 113. (1.)

115. MIDDLE HIGH GERMAN. *Introductory Course.*

Study of the dialect in its relation to modern High German and English. Lectures in German on the development of German Literature down to the twelfth century. Rapid reading of selections from masterpieces. Collateral reading, reports, and a thesis. Open only to graduate students and properly qualified undergraduates. (3.)

116. MIDDLE HIGH GERMAN LITERATURE.

Study of the masterpieces of epic and lyric poetry in the twelfth and thirteenth centuries. Lectures in German. Collateral reading, reports, and a thesis. Each student is required to make a special study of one of the great epics or of one of the lyric poets. Open only to students who have credit for German 115. (3.)

Department of the Greek Language and Literature

Professor O'CONNOR.

1. GREEK PHILOSOPHY.

Plato, The Apology and Crito, with selections from the Phædo, Phædrus, Gorgias, Republic. Study of style and philosophic content. (3.)

2. HOMER.

Selections from the later books of the *Iliad*, or of the *Odyssey*; discussion of the authorship of the poems; explanations of Homeric forms and syntax. (3.)

3. THE GREEK DRAMA.

Its rise and development; one tragedy of Euripides, *The Clouds* of Aristophanes. (3.)

4. One tragedy of Sophocles, and one of Aeschylus, with a summary of other tragedies, and a study of the career of these poets (3.)

101. Herodotus: *History of the Persian Wars*; *The Persians* of Aeschylus. (3.)

102. Thucydides: *The Sicilian Expedition*, with selections from the other books. (3.)

103. Demosthenes: *Oration on the Crown*; Aeschines; *Against Ctesiphon*; selection from the other orators. (3.)

104. GREEK LYRIC POETRY.

Odes of Pindar and Bacchylides; selection from Theocritus and Hesiod. (3.)

106. A study of Greek life as revealed in the monuments and remains of Greece, Sicily and Crete; illustrated lantern slides. (3.)

107 and 108. GREEK COMPOSITION.

(1.)

109 and 110. A review of the principles of Greek grammar. One hour a week during the year. Both semesters together. (1.)

115. ANCIENT HISTORY.

The history of the Græco-Roman civilization to the age of the Cæsars. (3.)

116. ANCIENT HISTORY.

The Græco-Roman civilization under the Roman Empire. (3.)

NOTE.—Classes will be formed in Elementary Greek when sufficient numbers apply.

Department of the Latin Language and Literature

Professor SANFORD.

1. Cicero: De Senectute and De Amicitia; Latin composition based on the Amicitia. (3.)
2. Horace: Selected odes and epodes; lectures on the Augustan Age. (3.)
3. The Captivi of Plautus, the Andria of Terence, and one other play of either Plautus or Terence. (3.)
4. Catullus: Selected odes; Selections from the Elegiac Poets, Propertius, Tibullus. 3.)
101. The Agricola and the Germania of Tacitus; selected letters of Pliny. (3.)
102. Selected satires of Juvenal; the Dialogue of Tacitus. (3.)
103. Martial: Selected epigrams; selections from various prose writers of the Empire: Seneca, Quintilian, Petronius and others. (3.)
104. The Annals of Tacitus, Selections from Books I-VI. Selections from various prose writers and poets of the Empire: Suetonius, Lucan and others; or Selections from Lucretius, De Rerum Natura, Books I, III, V. (3.)
- 105 and 106. Elementary Latin composition. (1.)
107. Advanced Latin composition. (2.)
108. Livy: Selections from Books I, XXI, XXII. (2.)
- 109 and 110. Review of the principles of Latin grammar. One hour a week during the year. Both semesters together. (1.)

NOTE.—Classes in Elementary Latin will be formed when sufficient numbers apply.

Department of Romance Languages and Literatures

Assistant Professor MALOUBIER, Miss CUEVAS.

1. FRENCH.**A. ELEMENTARY COURSE:**

Open to students who did not offer French at entrance. Thorough study of French grammar and syntax, dictations, translation from English into French, reading of easy modern prose, conversation.

Books: Downer: *A First Book in French*, Laboulaye: *Contes Bleus*.

B. ELEMENTARY COURSE: (Continuation of A.)

Pre-requisite French A or its equivalent.

Books: Downer: *A First Book in French*; Cameron: *Elements of French Composition*; Lesage: *Gil Blas*; Labiche: *La Poudre aux Yeux*.

NOTE:—No credits towards the degree of B.A. will be given for course A., unless course B is also satisfactorily completed.

C. CONVERSATION, READING, COMPOSITION.

Pre-requisite. Elementary French at entrance or French A and B or equivalents. Review of Grammar, conversation, reports on books read.

Books: Fontaine: *Livre de Lecture et de Conversation*; Cameron: *Elements of French Composition*; De la Brète: *Mon oncle et mon curé*; Dumas: *Les trois Mousquetaires*.

D. CONVERSATION, READING, COMPOSITION (Continuation of C).

Pre-requisite: Elementary French at entrance (or French A and B) and French C or equivalents.

Books: Fontaine: *Livre de Lecture et de Conversation*; Cameron: *Elements of French Composition*; About: *Le Roi des Montagnes*; Daudet: *Contes Choisis*.

1. INTRODUCTION TO FRENCH LITERATURE.

Pre-requisite, intermediate French at entrance or French C and D or equivalents. Grammar review, conversation and reports in French on books read, lectures, collateral reading.

Books: Fontaine: *Livre de Lecture et de Conversation*; Molière: *Le Bourgeoise Gentilhomme*, *L'Avare*; Racine: *Athalie*; Hugo: *Notre Dame de Paris*.

2. INTRODUCTION TO FRENCH LITERATURE (Continuation of 1).

Pre-requisite: Intermediate French at entrance, or French C and D and French I or equivalents.

Books: Vigny: *La Canne de Jonc*; Balzac: *Cinq Scènes de la Comédie Humaine*; Taine: *L'Ancien Regime*; *Choix de Contes des Romanciers Naturalistes*.

3. PROSE AND POETRY IN THE SEVENTEENTH CENTURY.

Non-dramatic Literature of the classic period, essays and reports in French, outside reading.

Books: La Bruyère: *Les Caractères*; Mme. de Sévigné: *Lettres Choisies*; Bossuet: *Choix de Sermons et d'Oraisons*; *Extraits des Moralistes du XVII^e. Siècle* Descartes, Pascal, La Rochefoucauld; La Fontaine: *Fables Choisies*.

4. CLASSIC DRAMA:

A study of the three great dramatists of the Seventeenth Century, conceptions of life and theories of art in the age of Louis XIV, conferences, collateral reading, essays and reports in French.

Books: Molière: *Les Précieuses Ridicules*, *Tartuffe*, *Le Misanthrope*; Corneille: *le Cid*, *Cinna*; Racine: *Andromaque*, *Phèdre*, *Iphigénie*.

103. EARLY NINETEENTH CENTURY LITERATURE.

The Romantic movement in France. Chateaubriand, *Atala*; Hugo, *Hernani*, *Ruy Blas*; Delavigne, *Louis XI*; Balzac, *Eugénie Grandet*; de Musset, *Fantasio*, *on ne badine pas avec l'amour*, *Il faut qu'une porte soit ouverte ou*

fermée; Ponsard, *Charlotte Corday*; conferences; collateral reading, essays and reports. (3.)

(Omitted in 1910-1911, except in Teachers' Courses).

104. LATER NINETEENTH CENTURY LITERATURE.

Literary tendencies of the past fifty years. Flaubert, *Salammbô*; Zola, *Selections*; France, *Crime de Sylvestre Bonnard*; Renan, *Souvenirs d'Enfance et de Jeunesse*; Rostand, *Cyrano de Bergerac*; conferences; collateral reading, essays and reports. (3.)

(Omitted in 1910-1911, except in Teachers' Courses).

105. EARLY FRENCH LITERATURE.

(This course is open to students who have completed the regular college course.)

Outlines of the development of French prose and poetry to the Renaissance, reading of extracts from the chroniclers and the poets of the middle ages.

Books: *Les Chroniqueurs Français*, *Anthologie du Moyen Age*.

106. LA REFORME ET LA RENAISSANCE.

Attention will be given to the tracing of the influences of the Reformation and Renaissance upon literary and social conditions.

Books: *Anthologie du XV^e Siècle*; Montaigne: *Extracts*; Rabelais: *Extracts*; outside reading, *Faguet's Seizieme Siècle*; Ste. Beuve: *Tableau de la Poésie Française au XVI^e Siècle*.

107 and 108. (~~Same as 105-106~~) **HISTORICAL GRAMMAR**
Once a week. 12.

SPANISH.

Students who have offered Latin or French and have received a grade of at least B can finish elementary work in one year.

A. ELEMENTARY SPANISH.

Study of Spanish grammar, elementary exercises in dictation and translation, reading of easy modern prose.

Books: Loiseaux: *Spanish grammar, Elementary Spanish reader*. Fontaine: *Cuentos Españoles*.

B. REVIEW OF GRAMMAR.

Exercises in writing Spanish; conversation.

Books: Loiseaux: *Spanish Grammar; Elementary Spanish Reader, Spanish Composition*; Fontaine: *Cuentos Españoles, El capitan Veneno*.

1. INTRODUCTION TO SPANISH LITERATURE.

Outlines of the history of Spanish literature. Exercises in composition, conversation.

Books: Cervantes: *Novelas ejemplares*; B. P. Galdos: *Marianela*; Valera, *El Pajaro Verde*.

2. INTRODUCTION TO SPANISH LITERATURE.

Influence of Spanish literature in Europe.

Books: Cervantes: *Don Quixote*; Lope de Vega: *Si no vienen las mugeres*; Moratin, *El sí de las niñas*.

3. THE SPANISH DRAMA.

(Pre-requisite Spanish 1 and 2.) Study of the drama from its origin to 1750.

Books: Ochoa: *Tesoro del Teatro Español*; Lope de Vega: *The Spanish Drama*; Maccoll: *Selected plays of Calderon*.

4. SPANISH POETRY.

Study of the epic and lyric poetry in Spain to our days.

Ford: *Spanish anthology*.

103. MODERN SPANISH LITERATURE.

The Drama from 1750 to our days.

104. MODERN SPANISH LITERATURE.

The Novel and the short story writers.

(Not to be given in 1910-1911.)

ITALIAN.

A. ELEMENTARY COURSE.

Costa's Italian lessons; elementary exercises; translations and dictations; reading of easy modern prose. Bowen's Italian reader, elementary conversation.

B. ELEMENTARY COURSE.

Thorough review of grammar; elementary exercises in writing Italian, conversation.

Books used: *Costa's Italian lessons*, *Bowen's Italian reader*; E. de Amicis: *Cuore*; Goldini: *La Locandiera*.

1. INTRODUCTION TO ITALIAN LITERATURE.

Outlines of the history of Italian literature, Exercises in composition, conversation.

Books: Manzoni: *I promessi sposi*; Martini: *Prose Italiane moderne*.

2. INTRODUCTION TO ITALIAN LITERATURE.

Influence of the Italian Renaissance.

Extracts of Dante's *Vita Nuova*; reading of *Ariosto* and *Machiavelli*.

3. THE ITALIAN DRAMA.

General survey of the history of the drama. Essays in Italian. The class-room conversation to be in Italian.

4. DANTE COURSE.

Short history of Italian poetry up to Dante. Dante's influence abroad.

(Not to be given in 1910-1911.)

103. MODERN ITALIAN LITERATURE. Romanticism and classicism in Italy.

Essays and compositions in Italian.

104. MODERN ITALIAN LITERATURE.

Tracing of foreign influences on modern Italian writers. (Ibsen, Tolstoi, Maupassant). Influence of Italy.

III. Division of Sciences and Mathematics

Department of Astronomy

Professor PECKHAM.

101. ASTRONOMY.

The Earth as a Planet. (3.)

102. ASTRONOMY.

The Solar and Stellar Systems. (3.)

Department of Biology

PROFESSOR GAINES. PROFESSOR PETTIT.

1 and 2. ZOOLOGY AND BOTANY FOR KINDERGARTNERS.

Material especially adapted to nature work with children. First Year Normal. College option also. Five hours each week. Each Semester. (3.)

3 and 4. BOTANY.

(a) First Semester. Study of the structure of plants, the types selected to show the evolution of the plant kingdom. The general classification of plants.

(b) Second Semester. Plant Physiology. Five hours each week. Each Semester. (3.)

101. MORPHOLOGY OF THE BRYOPHYTES AND PTERIDOPHYTES.

Study of the structure; life histories, and lines of development of the most important groups of these divisions. Two hours each week. (1.)

102. ECOLOGY OF THE SPERMATOPHYTE.

Study of the structure of seed plants from the standpoint of their origin, function, and adaptation to environment. Two hours each week. (1.)

5 and 6. ZOOLOGY.

(a) First Semester. Study of representatives of the invertebrate groups. Their anatomy, life histories, habits and distribution. (b) Second Semester. Study of the vertebrate groups after the same method. Five hours each week. Each Semester. (3.)

103 or 104. VERTEBRATE EMBRYOLOGY.

Lectures and laboratory work on the embryology of amphioxus, the frog and the chick. Five hours each week. (3.)

105 or 106. ELEMENTARY NEUROLOGY.

The structure and development of the central nervous system and sense organs. Two hours each week. (1.)

109. SANITATION AND HYGIENE.

Personal hygiene: Household and Public Sanitation and Hygiene. Three hours each week. (3.)

110. FOOD AND DIETETICS.

Composition and nutritive value of foods. Dietary standards. Food preservatives and adulterations. Legislation on foods. Three hours each week. (3.)

113 and 114. PHYSIOLOGY AND HYGIENE.

A course arranged especially for those who wish to understand physical education. Each Semester. (3.)

115 and 116. HUMAN ANATOMY.

Intended especially for students who wish to become teachers of physical education. Each Semester. (3.)

Department of Chemistry.

PROFESSOR SHARE.

1 and 2. GENERAL CHEMISTRY.

(a) First semester. *Chemistry of the non-metals:* Physical and chemical change; laws of chemical combi-

nations; theory of solutions; thermo-chemistry; principles of chemical nomenclature; periodic law; families of non-metals; problems; laboratory manipulations. (b) Second semester. *Chemistry of the metals*: Distribution of metallic ores; general methods for the preparation of metallic compounds; methods of reduction; study of individual metals; uses of metals and their compounds; alloys. Short introduction to organic chemistry. Three hours a week. Laboratory, two hours a week. Each semester, (3.)

3 and 4. QUALITATIVE ANALYSIS.

(a) First semester. Tests for the metals; tests for the acid radicals, study of schemes for the separation and recognition of the metals and acid radicals. (b) Second semester. Analyses of simple salts; analyses of solutions and mixtures of solids, commercial products, alloys, soils, etc. Three hours a week; laboratory, four hours a week. Each semester, (3.)

101 and 102. QUANTITATIVE ANALYSIS.

(a) First semester. Preliminary course on analysis of compounds of known composition; use of the balance; calibration of measuring instruments; general methods of volumetric and colorimetric analysis. (b) Second semester. General course on the analysis of ores and commercial products; analysis of gases; analysis of waters; assays of gold, silver and other ores; electrolytic methods of analysis. Three hours a week; laboratory, five hours a week. Each semester, (3.)

103 and 104. ORGANIC CHEMISTRY.

Methane derivatives; benzene derivatives; organic analysis; laboratory practice in the preparation of organic substances. Seven hours a week, lectures and laboratory. Each semester, (3.)

105 and 106. TECHNICAL OR APPLIED CHEMISTRY.

Processes for the manufacture of economical products; advanced methods of quantitative analysis; food analysis. Seven hours a week; lectures and laboratory. Each semester, (3.)

Department of Geology

Professor SHARE.

101. GEOLOGY.

General course; dynamic, structural, and historical.
(3.)

102. ECONOMIC GEOLOGY.

Distribution and utilization of ore deposits, building stone, etc.
(3.)

Department of Mathematics

Professor BOWDEN, Mr. NELSON.

MATHEMATICS C and D. A thoro review in elementary algebra and plane geometry, intended for those who have some knowledge of these subjects, but need preparation for examinations. Offered only in Summer Session. No college credit allowed for this course.

1. THEORY OF NUMBERS.

A course in the fundamental principles of arithmetic and algebra, with an outline of the logical principles chiefly used in mathematics, intended to supplement the high school work in algebra, and to give the student a firm foundation for his future study of mathematics. (3.)

2. SOLID GEOMETRY.

The usual demonstrative work, with numerical applications of the formulas derived. (3.)

3. MECHANICAL DRAWING.

Construction of problems in geometry, orthographic and isometric projections, plans, sections, and elevations of machines and architectural parts, blue prints, lettering, freehand drawing. (2.)

4. ADVANCED MECHANICAL DRAWING.

More advanced work of a similar nature to that in the preceding course. (2.)

5. TRIGONOMETRY.

The trigonometric functions will be defined as ratios of lines. From these definitions will be derived geometrically and analytically the ordinary formulas. This work will be followed by the solution of triangles, both plane and spherical, with the use of logarithms and applications to the measurement of heights and distances, to astronomy, and to navigation. (3.)

8. ANALYTICAL GEOMETRY.

The equations of the straight line, circle, parabola, ellipse, hyperbola, and a few of the simpler higher plane curves, with an introduction to solid analytic geometry. (3.)

9. ALGEBRA.

The binominal theorem, permutations, combinations, chance, logarithms, continued fractions, series, undetermined coefficients, determinants, theory of equations, solution of numerical equations. (3.)

21. DESCRIPTIVE GEOMETRY.

Orthographic projection of points, lines and surfaces, the intersection of lines and surfaces, spherical projections, shades and shadows, linear perspective, isometric projections. (3.)

22. SURVEYING.

Recitations and lectures on the principles and practice of surveying, adjustment of instruments, practice surveys, levels and topographical work, computations based upon data thus derived. (3.)

101. DIFFERENTIAL CALCULUS.

Simple and successive differentiation of functions, expansion of functions in series, evaluation of indeterminate forms, curve tracing, maxima and minima. (3.)

102. INTEGRAL CALCULUS.

Derivation of formulas, calculation of lengths and areas of curves, areas and volumes of solids of revolution; solution of simple differential equations. (3.)

103. PROJECTIVE GEOMETRY.

Ranges, flat pencils, axial pencils, sheaves of lines and planes, perspective, duality, harmonic figures, projective figures, and harmonic ratios. (3.)

104. ADVANCED PROJECTIVE GEOMETRY.

Projective forms in relation to the conic sections, Pascal's and Brianchon's Theorems, poles and polars, diameters, polar reciprocal figures. (2.)

106. THE TEACHING OF MATHEMATICS.

A study of the methods of the past and present, with an outline of the history of mathematics. Two hours to count as 1 point.

107. VECTOR ANALYSIS.

Addition, subtraction and multiplication of vectors, the differential and integral calculus of vectors, with applications to geometry and mechanics. (3.)

108. ANALYTICAL MECHANICS.

Laws of motion, composition and resolution of forces, friction, virtual velocities, machines, central forces, constrained motion, impact, work and energy, center of gravity, moment of inertia, rotary motion. (3.)

116. ADVANCED THEORY OF NUMBERS.

The theory of rational numbers, real numbers, and complex numbers, with an introduction to symbolic logic. (3.)

117. ADVANCED ANALYTICAL GEOMETRY.

(3.)

120. ADVANCED CALCULUS.

(3.)

THE MATHEMATICAL CLUB. This is an organization of teachers and students, formed for the purpose of mutual help in mathematical investigation, and as an incentive to original work. The club meets once in three weeks.

Department of Physics

Professor PECKHAM.

1. GENERAL PHYSICS.

Properties of solids, liquids, and gases, and the study of sound and light. Lectures and laboratory work. Three hours a week, with two hours laboratory. (3.)

2. GENERAL PHYSICS.

Heat and electricity. Lectures and laboratory work. Three hours a week, with two hours laboratory. (3.)

103. MECHANICS AND HEAT.

Three hours a week, with four hours laboratory. (3.)

104. ELECTRICITY AND LIGHT.

Three hours a week, with four hours laboratory. (3.)

105. TECHNICAL ELECTRICITY.

Dynamos and motors, lighting and power. Three hours a week, with four hours laboratory. (3.)

106. MODERN THEORIES OF MATTER AND ELECTRICITY.

With applications to electrolysis and electrolytic conduction. Three hours a week, with four hours laboratory work. (3.)

Department of Mineralogy

Professor SHARE.

101 and 102. MINERALOGY.

(a) First semester. Crystallography and Blowpipe Analysis. Crystallography: Study of crystal models and natural crystals; use of the goniometer. Blowpipe Analysis: Use of the blowpipe, analysis of prepared mixtures. (b) Second semester. Descriptive and Determinative Mineralogy: Physical and chemical characteristics of the common minerals; determination of minerals

by the aid of the blowpipe and physical and chemical tests. Three hours a week; laboratory, two hours a week. Each semester. (3.)

103. METALLURGY.

Treatment of ores by furnace, wet and electrolytic methods. (3.)

Department of Fine Arts

Professor WHITTAKER, Mr. THAYER, Miss SAFFORD,
Miss MORSE, Mr. NELSON.

101. THE APPRECIATION AND INTERPRETATION OF
MUSIC.

The analysis of various forms of musical composition with collateral readings in the history and literature of musical criticism. (3.)

102. THEORY OF MUSIC.

A course in harmony, followed by counterpoint, with reading in the history of music. (3.)

NOTE.—*The following courses are prescribed only for students in the Normal School.*

1, 2. CAST DRAWING AND FREEHAND PERSPECTIVE.

Study of light and shade, values and vanishing of lines and objects. Modeling in clay—type forms. Professor WHITTAKER.

3, 4. INSTRUMENTAL DRAWING.

Projection drawing, plane sections, developments and the constructing of working drawings. Mr. NELSON.

5, 6. LINEAR PERSPECTIVE.

Application to interiors and landscapes. Professor WHITTAKER.

7, 8. PAINTING.

In all mediums, from still life and the living model.
Professor WHITTAKER.

9, 10. SKETCHING.

Figure studies. Action, proportion and expression.
Composition and design. Illustration. Professor WHITTAKER.

11, 12, 14. DRAWING AND COLOR WORK.

Freehand and blackboard drawing, water-color, perspective and design, sketching from nature and objects.
Normal School. First year, twice a week; second year, once a week. Miss MORSE.

17, 18, 20. VOCAL MUSIC FOR TEACHERS.

Voice culture, sight-reading and transposing. Method in Kindergarten songs and marches. Expressive use of voice and piano. Normal School. First year, two hours a week; second year, one hour a week. Miss SAFFORD.

Equipment

Buildings.—The group of buildings now occupied by the College fills the entire end of the block between Lafayette Avenue and Clifton Place, upon St. James Place. The main entrance of Adelphi College is on Clifton Place. The central building is an assembly hall, 50 x 72 feet, with sittings for about a thousand persons.

During the noon hour, daily, or from 11.40 to 2.00 o'clock, a warm luncheon can be obtained in a restaurant within the buildings.

The College building is served by an electric elevator. The buildings are admirably ventilated by a system of fans driven by electricity.

Convenient access to the buildings is provided by the Lexington Avenue Elevated R. R. (DeKalb or Greene Avenue Stations), or by the Greene, DeKalb, Franklin, Vanderbilt Avenue and Fulton Street electric cars.

The Library and Reading Room.—The Library now contains about thirteen thousand volumes. In the reading room the principal magazines and all leading educational periodicals are on file. Students also have access to the large collections of the Public Library, which maintains a branch in the vicinity, and to the Pratt Free Library, which is only one block distant from Adelphi.

The Laboratories.—On the third floor of the College Building are the mathematical and physical laboratories.

The mechanical drawing room is well lighted and contains a large collection of geometric models and machine types and an equipment for the study of surveying.

There are two laboratories for physics. The physics lecture-room is equipped with an electric projecting lantern and has seating capacity of one hundred.

The fourth floor is occupied by the departments of chemistry and biology. The department of chemistry possesses, besides a lecture-room and a weighing-room, a *Main Laboratory*, a *Quantitative Laboratory*, an *Assay Laboratory*, and a *Blowpipe Laboratory* for the work in mineralogy and blowpipe analysis. The lecture-room has seats for eighty students, and is provided, like the physics lecture-room, with a specially constructed electric projecting lantern, with attachments for horizontal, vertical, and side projection, and special apparatus for the projection of microscopic objects.

In the rooms of the department of chemistry are exhibited the Mineralogical Collection, containing about two thousand specimens and a set of models of crystals. There is also a Geological Collection, including the representative fossils of all formations and large collections of the different kinds of rocks.

The biological laboratories are three in number and are well provided with facilities for botanical and zoological study, including dissecting and compound microscopes, a herbarium, mounting apparatus and various reagents, and a large amount of illustrative material, including a fine collection of type-vertebrate skeletons.

The Gymnasium and Playing Field.—The department of physical education is in charge of a Director, who is a physician. The classes for women-students are conducted by an assistant director who is a Normal graduate in physical training. The gymnasium contains, besides the dressing rooms and offices, three large rooms, which in floor space extend from one side of the block to the

other. The bathrooms include a new equipment of shower and needle baths. In the central gymnasium are found hand-ball courts and a basketball field.

A completely equipped athletic field, called "Adelphi Oval," is situated upon lands belonging to the institution near the Crescent Avenue Station of the Lexington Avenue Elevated Road and lying between Fulton Street and Ridgewood Avenues.

Honors and Prizes

Sarah Conselyea Baker Scholarship.—In 1902, Mrs. Charles R. Baker founded and endowed a free Scholarship in Adelphi College, in memory of her daughter, who was graduated from Adelphi Academy with the class of 1896.

Martin Memorial Scholarship.—In 1906, Miss Harriet M. Martin, B.A., Adelphi, '02, established a free scholarship, as a memorial to her mother, Emily Doud Martin.

These two scholarships are awarded by vote of the Faculty to worthy and deserving students in recognition of meritorious scholarship and excellence of character.

The Brooklyn High School Scholarships.—Five scholarships, of the value of \$180 each are awarded annually to those members of graduating classes in Brooklyn High Schools who show satisfactory proficiency in competitive examination upon subjects offered for admission to Adelphi College, and amounting to fifteen points in value. If candidates of sufficient merit present themselves, it is intended that each Brooklyn High School shall be represented among the winners of these scholarships, but the Faculty reserves the right to apportion the scholarships, if necessary, without regard to the scholastic affiliations of the candidates. The examinations will be held early in June of each year. Students in the Brooklyn High Schools are eligible for admission to these examinations if they are recommended by the principal of the school that they are attending, and if they have attained the age of sixteen years.

Blank forms of application for admission to these examinations should be obtained from the Registrar of the

College. Candidates for admission to the examinations must procure these forms of application and return them to the Registrar not later than May 16th in each year.

The Adelphi Academy Scholarship is offered under the same terms and at the same competitive examinations to members of the graduating class in Adelphi Academy.

These scholarships insure free tuition until graduation if the incumbents attain from year to year a record in character and scholarship which is satisfactory to the Faculty.

The Ossoli Prize.—This prize having a value of thirty-five dollars is offered annually for the best English essay written by a student in Adelphi College. The subjects are announced in May of each year for the competition during the year following, and the results of the competition are announced at Commencement time.

Barlow Medals.—In December, 1897, Mr. George Barlow, of Brooklyn, gave to the College the sum of \$5,000, to be known as the George Francis Barlow Fund, in honor of the donor's son, who was the valedictorian of the Adelphi Academy Class of 1878. Part of the proceeds of this Fund is devoted to the maintenance of the Barlow Medals, which may be awarded in June of each year to that student in each division of the Junior College who has attained the highest rank in scholarship in all studies during the first two years of the College course. The remainder of the annual income from this Fund is devoted to the purchase of books, pictures, and apparatus.

Honors are awarded at Commencement to those students in the graduating class who have shown unusual excellence in the work of any department during the Senior College course.

Student Self-Government

Each undergraduate in Adelphi College is a member of a student self-government association. There are three such associations, one for college women, one for college men, and one for students in the Normal courses. Each association has its own room and its own constitution and by-laws, which have received the approval of the Faculty. Its officers are elected by the members. It is the duty of the officers to enforce the rules of the association concerning attendance, deportment, the maintenance of the honor system and of a high standard of public opinion among the students. These associations manage the major part of the discipline of the institution. The honor system in recitation and examination has become fixed in the traditions of the College and is well sustained by student sentiment. The educational value of these associations is of course no more important than their ethical value.

Student-Aid

Whenever practicable, self-help is encouraged by student employment. Students who need aid should communicate with the president before October 1st in each year of the College Course. A student applying for aid for the first time is required to present evidence in writing that he is worthy to receive assistance and that such help is necessary to enable him to continue his collegiate studies. Assistance will be withdrawn from students who are irregular in attendance, or who fail to maintain a reputable scholarship.

Adelphi Normal School
Officers of Instruction and Government
Faculty

CHARLES HERBERT LEVERMORE, *Ph.D.*, *President*

JOHN BARNARD WHITTAKER,
Superintendent of the Art School and Professor of Painting and Drawing

ANNA E. HARVEY,
Professor of Froebelian Theory and Methods. Superintendent of the School for Kindergartners and Secretary of the Faculty.

ELIZABETH VENABLE GAINES, *M.A.*,
Professor of Biology

ERNEST NORTON HENDERSON, *M.A.*, *Ph.D.*,
Professor of Education

ANNIE MARION MACLEAN, *Ph.D.*,
Assistant Professor of Sociology

E. HELEN HANNAHS, *B.A.*,
Assistant Professor of Education and Psychology

ISABEL DIX FISHER,
Assistant Professor of Physical Education

PATTI W. FOSTER,
Assistant in Physical Education

GEORGE KRIEHN, *Ph.D.*,
Instructor in the History of Art

THEODORE NELSON, JR., *B.S.*,
Instructor in Instrumental Drawing

ANNA GERTRUDE MORSE,
Instructor in Manual Training and Drawing

N. LOUIS ROETHGEN, *B.A.*,
Instructor in Methods

ELIZABETH SAFFORD,
Instructor in Vocal Music

MRS. MARY WOOD WHITTAKER,
Instructor in Drawing

The Normal School for Kindergartners and Art Teachers

The Adelphi Normal School for Kindergartners was organized in 1893. The first class was graduated in 1895. The Normal School for Art Teachers was formed in 1903. It was a natural outgrowth of relations between the Adelphi Art School on the one hand and the Normal School for Kindergartners on the other.

Both of these Normal Schools are conducted as a department of Adelphi College. For students who wish to obtain a Normal School diploma, the requirements for admission to the school are the same as the requirements for admission to the College. Normal School classes are instructed by members of the College Faculty. Normal School classes and College classes are therefore identical in methods and privileges of instruction. Normal School students who wish to take a degree, can transfer their registration to the College, or can combine the professional education with the work for a college degree, by adding at least one year to the usual allowance of time for an undergraduate course. To students who are already graduates of the Normal School for Kindergartners, the College will allow a credit of forty points towards a baccalaureate degree; to graduates from the Normal Art course a credit of twenty-six points is allowed towards the same degree. All students in the Normal School have free use of the facilities of Adelphi College, of the library, and reading room, the gymnasium and playing field.

Admission to the Normal School

Candidates for admission to this School who wish to become candidates for its diploma must either pass examinations upon the subjects required for admission, or

must present satisfactory certificates from a school that is approved by the Faculty. The requirements for admission to the Normal School either by examination or certification are identical with the requirements for admission to Adelphi College, *q. v.*

Candidates for admission to the training courses for Kindergartners must also satisfy the Superintendent of that school that they are competent to study kindergartening with a prospect of success. The Superintendent reserves the right to reject the application of any candidate who may possess all the scholastic requirements for admission, but who does not give evidence of probable fitness for dealing with very young children.

Candidates for admission to the Normal School for Art Teachers must also be prepared to pass an examination in drawing under the direction of the Superintendent of the Art School.

A four-years course in a high school or its equivalent should afford a satisfactory preparation in all the studies required for admission. Graduation from such a preliminary course with an Academic Diploma or its equivalent, is necessary for all who hope subsequently to obtain positions as kindergartners in the New York City school system.

The *Examinations for Admission* are identical with those for admission to the College in *June and September*.

Applicants for admission who present the College Entrance Diploma, issued by the New York State Education Department, under the ordinance adopted by the Board of Regents, October 17, 1907, will be admitted to the Normal School without examination, and without condition provided that the choice of elective studies for that diploma enables the candidate to satisfy the Adelphi requirements for admission, as stated above.

Persons who wish to study in the Normal School without becoming candidates for its diploma, can do so, subject to the approval of the Superintendent, upon presentation of satisfactory evidence of preparation for the subjects that they wish to study.

Such evidence may be furnished either by examination or by certificate. Such students must continue to show satisfactory proficiency in progress and must conform to all rules and requirements of the department.

Requirements for Graduation from the Normal School

Students who perform all the required work in the Normal course, who possess personal fitness for teaching, and who give satisfactory evidence of proficiency and ability, will receive from Adelphi College a diploma certifying to their attainment. The course of studies for this diploma extends through two years. This course has received the approval of the Department of Public Instruction in New York City and also of the New York State Education Department at Albany.

The extent of the course of study may be learned in the description of studies and in the following conspectus of studies for each division of the Normal School. It should be observed that students who are found to be deficient in oral or written English will be required to show satisfactory improvement in those subjects before they can receive the diploma.

Students who hold the diploma of the Normal School for Kindergartners are eligible to enter the examinations for license to teach as Kindergartners in the New York City Public School System.

Students who hold the diploma of the Normal School for Art Teachers and who have had three years of ex-

perience in teaching Art are eligible to enter the examinations for licenses to teach Art in the New York City Public School System.

Conspectus of Required Studies in the Normal School for Art Teachers

Roman numerals after title indicate the division in which the studies are grouped in the "Description of Studies;" Arabic numerals give number of course.

The department of Fine Arts, Div. III, includes all courses excepting those that are otherwise indicated.

First Year	Second Year
Cast Drawing and Clay Modeling, III, 1, 2; 4 half-day sessions.	Cast drawing III, 1, 2; 1 half-day session.
Free-hand Perspective, III, 5, 6.	Freehand Perspective and Sketching, III, 9, 10, 5, and 6; 2 half-day sessions.
Sketching and Composition, III, 9, 10; 3 half-day sessions.	Composition, 2 half-day sessions.
Instrumental Drawing, III, 3, 4; 1 half-day session.	Water-Color, III, 7, 8; 2 half-day sessions.
Elementary Manual Training, with Methods, 3 hours weekly.	History of Art, I, History, 111, 112; 3 hours weekly.
Psychology, I, Psych., 3, 4; 3 hours weekly.	Special Methods in Drawing, 3 hours weekly.
Modern History and History of Education, I, Educ., 117, 118; 3 hours weekly.	Educational Psychology and Methods of Education, I, Educ., 101, 102, 103, 104; 4 hours weekly.

Conspectus of Required Studies in the Normal School for Kindergartners

Roman numerals indicate the division in which the course is enumerated in the "Description of Studies;" Arabic numerals give the number of the course.

First Year	Second Year												
CLASS-ROOM WORK IS SUBSTANTIALLY AS FOLLOWS: Modern History and History of Education, I, 117, 118, 3 hours weekly. English Theme-work, II, 5, 6; 1 hour weekly. Psychology, I, 3, 4; 2 hours weekly. Zoölogy and Botany, III, 1, 2; 5 hours weekly. Music, III, 17, 18; 1 hour weekly. Drawing, III, 11, 12; 1 hour weekly. Kindergarten Principles with Practical application: <table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">Gifts and Occupations.</td><td style="width: 70%;">1st Sem.,</td></tr> <tr> <td>I, 19, 20;</td><td>8 hours</td></tr> <tr> <td>Games and Stories, I, 21,</td><td>weekly.</td></tr> <tr> <td>22;</td><td>2d Sem.,</td></tr> <tr> <td>Froebel's Mother Play, I, 114,</td><td>9 hours</td></tr> <tr> <td>Observation.</td><td>weekly.</td></tr> </table> Gymnasium, 2 hours weekly.	Gifts and Occupations.	1st Sem.,	I, 19, 20;	8 hours	Games and Stories, I, 21,	weekly.	22;	2d Sem.,	Froebel's Mother Play, I, 114,	9 hours	Observation.	weekly.	IN THE FIRST SEMESTER 270 HOURS ARE DEVOTED TO PRACTICE TEACHING. CLASS-ROOM WORK FOR EACH SEMESTER IS SUBSTANTIALLY AS FOLLOWS: Psychology, I, 5, 6; 3 hours weekly. Sociology, I, 2, 2d Sem., 3 hours weekly. Music, III, 20, 1 hour weekly. Drawing, III, 14, 1 hour weekly. Froebelian Theory and Methods: Froebel's "Education of Man," I, 109, 2d Sem. Froebel's "Autobiography and Pedagogics," I, 112, 2d Sem. Froebel's "Mother Play," I, 115, 116. Program. Gifts and Occupations, I, 19, 20; Games and Stories, I, 21, 22; Nature Methods, I, 17, 18; Primary Methods, I, 16, 2d Sem., 1 hour weekly. Observation,
Gifts and Occupations.	1st Sem.,												
I, 19, 20;	8 hours												
Games and Stories, I, 21,	weekly.												
22;	2d Sem.,												
Froebel's Mother Play, I, 114,	9 hours												
Observation.	weekly.												

10 hours weekly.

The Art School

Organization and Equipment

The Adelphi Art School, as distinguished from the Normal School for Art Teachers, exists to provide instruction in drawing, painting and modeling for individual students who are competent to study and practise those arts. The Art School was first organized in September, 1872. The School occupies the entire fifth floor of the College Building. All students belong to a self-government association, like those in other departments of the College.

The antique room is a spacious studio, seventy feet square. It contains a fine collection of antique and modern casts, full and half-size statues, large and small torsos, busts, masks, and reliefs. Three enormous skylights illuminate this room with a clear north light.

There are two life-class rooms, equipped for models and also for exhibition purposes. Three other rooms are devoted to modeling, the making of casts, still life studies, and offices. All the rooms are thoroughly equipped with electric lights and an electric elevator is at the service of the members of the school. In the building there are also manual training workrooms, and there is another art-studio in the Academy building, especially adapted to the needs of the Normal classes. All the Art School rooms are open daily from 9 A. M. until 4 P. M.

Admission

STUDENTS ARE ADMITTED TO THE ART SCHOOL AT ANY TIME during the College year. The calendar of the School is identical with that of the College.

Candidates for admission are required to give evidence of serious interest in the work. Students are permitted to continue in the School upon the same condition, and upon satisfactory conformity with the rules and requirements. THERE ARE NO RESTRICTIONS AS TO AGE.

Students must be registered in the Bursar's office as well as with the Superintendent.

Students in the Art School are admitted to all privileges of the College library and reading room. They may also, while students in the Art School, pursue one or more studies in either the Academy or the College, according to their maturity and proficiency, but for such studies they must pay the special student's tuition fee.

Instruction

All instruction in the Art School is individual. Students may choose, according to predilection or ability, between the antique, still life, portraits, figure, charcoal, pastel, oil and water-color, or they may include all these forms of art in their studies if time permits.

The Annual Exhibition is usually held on the last Friday and Saturday in May of each year. The drawings of the students are arranged in classes, and prizes are awarded as follows:

Best bust from the Antique.....	A silver medal
Best figure from the Antique.....	A gold medal
Best head from Life.....	A silver medal
Best figure from Life.....	A gold medal

In the class in painting a silver medal is awarded for the best draped figure from life, and a gold medal for the best nude figure from life. The student who is regarded as showing the greatest improvement during the year re-

ceives a silver medal. The award of all prizes is made by a jury specially chosen for this purpose, which inspects the drawings and paintings upon exhibition. The prizes are presented to the winners during Commencement week. Those competitors whose work is regarded as next in excellence to that of the winner receive honorable mention.

In all classes in the Art School there is a monthly review of the work of the students and those subjects which deserve especial commendation receive a mark of honor.

The Sketch Club

This evening class, which was first organized in the winter of 1878, meets on Tuesday evenings from October to June. The hours of session are from 7.30 to 9.30. A costumed model poses. The object of the club is to study quick and illustrative drawing from the figure, and to develop ability to produce compositions from these sketches.

The College furnishes all accommodations for the Club and for this reason the membership fee can be made merely nominal, viz.: three dollars per annum.

The Sketch Club is always represented in the annual exhibition, and from time to time gives special exhibitions.

The Sketch Club has established a free scholarship in the Art School, the incumbent of which is chosen by competitive examination.

The present officers of the Sketch Club are: President, Vernon Dwelle; Vice-President, Mrs. Mary Wood Whitaker; Secretary, Miss Sadie O'Brien, 8715 18th Ave., and Bath Beach, Brooklyn; Treasurer, Frederick E. Maine.

Alumni Organizations

1. ADELPHI COLLEGE ALUMNAE ASSOCIATION :

President, Emily C. Seaman, '99; Vice-President, Juliette G. Hollenback, '02; Recording Secretary, Julia H. Plump, '04; Corresponding Secretary, Stella M. Toulin, '05; Treasurer, Margaret E. Johnson, '99.

2. ADELPHI COLLEGE ALUMNI ASSOCIATION :

President, Mark S. Reardon, '05; Vice-President, Rudolph Seldner, '97; Recording Secretary, Paul C. Handrich, '07; Corresponding Secretary, John H. Schaumloeffel, '08; Treasurer, Frederick L. Onken, '06. Executive Committee: Joseph F. Cashman, '05, John J. McDonald, '06, John J. Winter, '08.

3. ADELPHI NORMAL ALUMNAE ASSOCIATION :

President, Bessie H. Thompson, '97; Vice-President, Eliza H. Warren, '02; Recording Secretary, Margaret Entwistle, '04; Corresponding Secretary, Maude S. Hamilton, '00; Treasurer, Grace E. Mills, '07.

The Bursar, Miss Morrill, should be informed of any change of address or any items of interest concerning Alumni, in order that the Register of Graduates may be correct to date.

Expenses

All Tuition (Except for the Summer Session) is Payable Semi-Annually in Advance

at the Treasurer's Office, in the rooms of the Long Island Loan and Trust Company, at 44 Court Street, Brooklyn. The fees for the Summer Session are payable in advance at the Bursar's office in the College.

The fees for tuition in the various departments of the College are as follows:

In the Junior or Senior College, per semester	\$90.00
For students registered for single studies, per semestral course of three hours....	18.00
For Teachers registered in afternoon, evening or Saturday courses, per point....	5.00
In the Normal departments, per semester..	50.00
In the Art department, per semester.....	25.00
In the Summer Session, for a 2 or 3-point course	15.00
Special examinations, each.....	5.00
Laboratory fee, per year, in Biology and Physics, each.....	5.00
Laboratory fee, per year, in Chemistry.....	10.00

There are no extra charges in the College Course except for materials used in the laboratories, and a fee of five dollars to cover the cost of the final diploma. If breakage or use in the laboratories exceeds the amount of the laboratory fee, an additional charge will be made to cover the excess. In the Normal department there is no extra charge for kindergarten materials.

No deduction is made for absence. No student is received for less than one semester.

All candidates for the degree of Master of Arts are required to pay a tuition fee amounting to \$180, and, in addition, the usual diploma fee of five dollars.

Students in Teachers Course classes who intend to become candidates for the Junior College Certificate are required to deposit with the Bursar, not later than June 1, a fee of three dollars.

On the bills for tuition in the first semester an opportunity is given to each student to become a subscriber to the student publication, "The Lituus." The subscription is one dollar a year and is entirely voluntary. It is believed that every student who can afford it should contribute to the maintenance of this representative of the student-body.

The College maintains a Book Room, where all text books and stationery may be purchased by the students for cash.

The College provides accommodations for the outer wraps of the students and takes due precaution for the security of such articles, but it cannot be responsible for their safety.

The price of board and lodging in the neighborhood of Adelphi College is from \$6 a week upward. Table board can be obtained at prices ranging from \$4 a week upward.

Business communications may be addressed to The Bursar, Adelphi College, Brooklyn.

Gifts During the Year 1909

Funk & Wagnalls gave a Standard Dictionary as a prize to that member of the Sophomore class who passed the best examination in the English literature of that year.

Professor E. V. Gaines gave twenty dollars as a prize for the best essay written by a member of the class of Sanitation and Hygiene in the year 1908-1909.

By the will of Miss Freda M. Brunn (B.A., Adelphi Coll., '99) the sum of five thousand dollars is given to the college to be used in maintaining a department of either cooking or sewing in connection with either the collegiate or the academic courses, and after the termination of a certain trust-fund created by the will, another sum of five thousand dollars is to be added to the afore-said bequest. Miss Brunn also bequeathed to the College six large framed pictures, as follows: The Berlin Congress, Emperor Wilhelm I. at the Tomb of Queen Louise, The Jungfrau, Norwegian Landscape, Abendlied von Säkkingen, President Garfield.

An oaken settee for use in the first floor corridor of the College building was presented by the graduating class of 1909.

Room 64 in the College building was redecorated and partially refurnished by the generosity of Miss Helen E. Redding, of the class of 1901.

Room 11, the Study-Room of the Normal Department, was redecorated by the generosity of Miss Ilse V. Brunn.

Books Presented to the Library since October, 1908

DONOR: THE SOCIAL STUDY CLUB.—Addams: Newer Ideals of Peace; American Journal of Sociology, 8 Vols.; Brown: Development of Thrift; Butterfield: Chapters in Rural Progress; Chalmers: Christian and Civic Economy of Large Towns; Folks: Care of Destitute, Neglected and Delinquent Children; Henderson: Social Elements; Hobson: Problems of Poverty; Kelly: Elimination of the Tramp; Lee: Constructive and Preventive Philanthropy; Morrison: Crime and Its Causes; Patten: New Basis of Civilization; Ross: Foundations of Society; Thomas: Sex and Society; Travis: Young Malefactor; Zueblin: Religion of a Democrat.

Donor: N. LOUISE ROETHGEN, Class of 1910.—Balzac: *Le Curé de Tours*; Loti: *Pêcheur d'Islande*; Racine: *Oeuvres Dramatiques*; Daniels: *Elements of Public Finance*.

Donor: GIRLS' HIGH SCHOOL EXTENSION LEAGUE.—Ames: *State Documents and Federal Relations*; Beeching: *William Shakspeare*; Dryden: *Essay on the Drama*; Jonson: *Timber*; Jordan: *Text Book of General Bacteriology*; Mackaye: *Playhouse and the Play*; Maeterlinck: *Les Sept Princesses*; Shelley: *Defense of Poetry*; Worcester: *Religion and Medicine*.

Donor: DIE BODENRUNDE.—Axelrod: *Herman Sudermann*; Bartels: *Gerhart Hauptmann*; Berger: *Schiller*, 2 Vols.; Ehrhard: *Franz Grillparzer*; Ewald: *Die Probleme der Romantik als Grundfragen*; Fischer: *Goethe's Faust*, 2 Vols.; Hauptmann: *Gesammelte Werke*, 6 Vols.; Hebbel: *Ausgewählte Werke*, *Maria Magdalena*, *Die Nibelungen*; Hettner: *Die Romantische Schule*; Ibsen: *Samtliche werke*, 10 Vols.; Kleist: *Göthe's Faust*, *Sämtliche werke*, 4 Vols; Köstlin: *Göthe's Faust*; Kreysig: *Vorlesungen über den Deutschen Roman der Gegenwart*; Litzmann: *Goethe's Faust*; Meyer: *Goethe*; Reich: *Franz Grillparzer's Dramen*; Servaes: *Praeludien*; Sittenberger: *Das Dramatische Schaffen*; Strehlke: *Paralipomena zu Goethe's Faust*, *Wörterbuch zu Goethe's Faust*.

Donor: JOHN FIRMAN COAR.—Coar: *Goethe's Torquato Tasso*.

Donor: LOUISE BOTH-HENDRIKSEN.—Crowe & Cavalcaselle: *Life and Times of Titian*; Ebers: *Lorenz Alma Tadema*; Gell & Gandy: *Pompeii*, *Musée de Versailles*; Richardson: *Englishman's House*; Scott: *Murillo and the Spanish School of Painting*; Singer: *Dante Gabriel Rossetti*; Sizeranne: *English Contemporary Art*; Smith: *Art Education*; Spielmann: *Millais and His Works*; Stuart & Revett: *Antiquities of Athens*.

Donor: CHARLES H. LEVERMORE.—Dole: *Ethics of Progress*; Kappa: *Let Youth But Know*.

Donor: WILLIAM C. PECKHAM.—Gautier: *Russia*.

Donor: RUDOLPH TOMBO.—*Goethe-Kalendar auf das Jahr 1906, 1907, 1908*.

Donor: STEPHEN M. GRISWOLD.—Griswold: *Sixty years with Plymouth Church*.

Donor: THE BROSS FOUNDATION, LAKE FOREST COLLEGE.—Hopkins: *Evidences of Christianity*; Thomson: *Bible of Nature*.

DONOR: WILLIAMS COLLEGE, ENGLISH DEPARTMENT.—Marlowe: Jew of Malta.

DONOR: FREDERICK W. OSBORN.—Naville: Bubastis: Eighth and Tenth Memoir of the Egypt Exploration Fund; Shakespeare Memorial; Ueberweg: History of Philosophy.

DONOR: GEORGE L. RAYMOND.—Raymond: Art in Theory; Dante, and Collected Verse; Essentials of Aesthetics; Genesis of Art-Form; Painting, Sculpture and Architecture; Poetry as a Representative Art; Proportion and Harmony of Line and Color; Psychology of Inspiration; Representative Significance of Form; Rhythm and Harmony in Poetry and Music.

DONOR: NATIONAL WOMAN'S SUFFRAGE ASSOCIATION.—Stan-
ton: History of Woman Suffrage.

DONOR: AMERICAN SWEDENBORGIAN PRINTING & PUBLISHING SOCIETY.—Swedenborg: Angelic Wisdom Concerning the Divine Love and the Divine Wisdom; Angelic Wisdom Concerning the Divine Providence; Four Leading Doctrines of the New Church, Heaven and Its Wonders and Hell; True Christian Religion.

DONOR: STUDENTS' ASSOCIATION OF THE L. I. INSTITUTE OF CHRISTIAN SCIENCE.—Wilbur: Life of Mary Baker Eddy.

Commencement, June 17, 1909

The following degrees were conferred: Master of Arts—Mabel Abbott Bessey, B. A. (Cornell), *English*; Thesis: The Influence of the Sonnets Upon Elizabethan Literature. Grace Delano, B.A. (Adelphi), *English*; Thesis: Studies in Elizabethan Platonism. Elizabeth May Jelliffe, B.A. (Mt. Holyoke), *French and English*; Thesis: French Influence on the Beginnings of English Classicism. Lenora Elizabeth Phipard, B.A. (Vassar), *Education*; Thesis: Play, Its Value as It Appears in the Elementary Educational Systems of the Past and Present. John Joseph Winter, B. A. (Adelphi), *Education*; Thesis: The History of School Readers.

Bachelor of Arts—Ruth Allaire, Leila Elizabeth Blair, Wilhelmine S. Brandt, Louis Albert Chapple, Helen Christiana Cinnamond, M. Agnes Commiskey, Marion Chappell Cone, Josephine Corcilius, Rosalía del Pilar Cuevas, Josephine Anais Downs, Mabel Foster, Madeleine A. Frost, Mary Elizabeth Fulton, M. H. Matilda Geiss, Virginia Antoinette Griswold, Bessie Rose Guion, Johanna Haaf, Theresa Howard Haskins, Alice Emily Hobbs, Louise Margaret Hoschke, Ethel May Howell, Justus Chauncey Hyde, Clara Jennie Jaggi, Mary Elizabeth Kavanagh, Alicia Maude Kennedy, Ethel Margaret Kipp, William Lindlar, Marie Beynon Lyons, Norma Gray Morison, Anna Russell Nevins, Ellen Elizabeth Nichols, Martha Judson Patterson, Emily Seymour Peck, Mary Emma Powell, Edna Genevieve Reilly, Nettie Rosenberg, Ella Chapin Rowell, Edith Winifred Schnurr, Margaret Schradieck, Delia A. Stebbins, Mary Sydney Stevens, Mary Catherine Tinney, May Edna Townsend, Louise Léonie Vimont, Ruth Fanshaw Waldo, Emma Walker, Jennie Walker, Marion Isabel Weeks, Corinne Rosalys Wendel, Laura Florence Wickham, Jessie Eloise Wilcox, Helen Amalia Wolferz.

Diplomas of the Normal School for Kindergartners were awarded as follows: Hazel Bastedo, Alice M. Bessey, Alice Mildred Blanke, Gertrude Bodkin, Emma Frances Buckwalter, Henrietta Bullard, Marjory Cleveland, Emily Viola Deacon, Frances F. Deutsch, Mabel Lewin Donaldson, Rosalind B. Dresler, Ella W. Freer, Emma Julia Heischmann, Grace Bligh John-

son, Hester Agnes Lewis, Marguerite Loughran, Ethel Scott Lyons, E. Dorothy Matthews, Alice A. McGivney, Helen Truslow Miles, Edna May Mundy, Helen Louise Palmer, Edith Gilman Platt, Margaret Gibbons Reilly, Rosa Delmonico Russell, Florence Gertrude Shannon, Alma Southard.

A certificate showing the completion of a partial course of study was given to Harriet Johnson.

The Junior College Certificate, signifying the satisfactory completion of all the prescribed work of the first two years of the college course, was awarded to the following persons: Eva Aleskowitz, Burton Barrs, Caroline M. Behre, Sarah P. Blaber, Adelaide Brewster, Ellen Sophia Burke, Mary C. G. Clark, Margaret Josephine Cleary, Joseph Cohn, Estelle Conselyea, Sara Frances Conway, Harold Mountfort Coolidge, Helen Cecilia Donovan, Agnes W. Driscoll, Helen Augusta Erhardt, Florence Mary Goddard, Regina Mary Gorman, Catherine Genevieve Hart, Elizabeth Hayes, Margaret M. A. Jessup, Grace L. Johnston, Florence Isabelle Jones, Ida Henrietta Kahler, Grace A. McManus, Elizabeth Madeleine McKechnie, Harold Molter, Eugenie Marie O'Brien, Fanita Pando, Hazel Isabel Pitfield, Maude Linda Pitts, Abigail Baxter Remsen, Millicent Jarman Rider, Laura Mandeville Romer, Nellie Shirley Russell, Clara Emma Schmidt, Eleanor Weir Smith, Caroline Matilda Sutphin, Veni Armstrong Warwick, Ida Louise Wolfensberger, Johanna Caroline Wortmann.

Senior Honors in Scholarship, Class of 1909:

In Astronomy: Ella Chapin Rowell; in Biology: Ella Chapin Rowell; in Economics: Anna Russell Nevins, Ella Chapin Rowell; in Education: Bessie Rose Guion, Marie Beynon Lyons, Norma Gray Morison, Anna Russell Nevins; in English: Marie Beynon Lyons, Anna Russell Nevins, Marion Isabel Weeks; in French: Marie Beynon Lyons; in Geology: Helen Christiana Cinnamond, Virginia Antoinette Griswold; in German: Margaret Schradieck; in Greek: Mary Elizabeth Fulton, Ethel Margaret Kipp; in History: Theresa Howard Haskins, Norma Gray Morison, Mary Catherine Tinney; in Latin: Mary Elizabeth Fulton, Bessie Rose Guion, Ethel Margaret Kipp; in Mathematics: Ruth Allaire; in Philosophy: Wilhelmine S. Brandt, Bessie Rose Guion, Marie Beynon Lyons, Anna Russell Nevins; in Physics: William Lindlar; in Sociology: Ana Russell Nevins,

Ella Chapin Rowell, Mary Catherine Tinney, Ruth Fanshaw Waldo.

Award of the College Graduate Professional Certificate, issued by the State Education Department, valid for three years and renewable for life: Ruth Allaire, Leila Elizabeth Blair, Wilhelmine Sophie Brandt, Helen Christiana Cinnamond, Josephine Anais Downs, Madeleine Antoinette Frost, Mary Elizabeth Fulton, Virginia Antoinette Griswold, Bessie Rose Guion, Johanna Haaf, Louise Margaret Hoschke, Clara Jennie Jaggi, Alicia Maude Kennedy, Ethel Margaret Kipp, William Lindlar, Marie Beynon Lyons, Anna Russell Nevins, Leonora Elizabeth Phipard, Mary Emma Powell, Edna Genevieve Reilly, Nettie Rosenberg, Edith Winifred Schnurr, Margaret Schradieck, Mary Catherine Tinney, May Edna Townsend, Ruth Fanshaw Waldo, Marion Isabel Weeks, Laura Florence Wickham, Jessie Eloise Wilcox, Helen Amalia Wolferz.

1. The Brooklyn High School Scholarships in the Class of 1913 were won in competitive examination as follows:
 1. Marjorie Prentiss, of Erasmus Hall High School.
 2. Florence Newman, of the Girls' High School.
 3. Herman Sharlit, of Eastern District High School.
 4. Alwin Thaler, of Erasmus Hall High School.
 5. Agnes Boxold, of Manual Training High School.
2. The Martin Memorial Scholarship was awarded for the year 1909-1910 to Catherine Agnes McGinn, of the Class of 1912.
3. Adelphi College Prize, for the best essay written in competition among members of the class in Sanitation and Hygiene in the Department of Biology, was awarded to the writer of an essay on "Woman and Her Relation to Home Needs," Ruth Fanshaw Waldo, of the Senior Class.
4. The Ossoli Prize for the best English essay written by a student in Adelphi College, the competition being open to all matriculated students, was awarded to Marie Beynon Lyons, of the Senior Class, for an essay upon "The Development of Maeterlinck's Drama."
5. The Funk & Wagnalls Prize, a copy of the *Standard Dictionary*, to that member of the Sophomore Class who passed the best examination in the course in English Literature, was awarded to Clara Emma Schmidt.

6. ART SCHOOL MEDALS.—Medals for excellence in the work of the Art School during the year were awarded as follows:

For DRAWING FROM THE ANTIQUE.—Drawing of the Head: First Prize, Silver Medal, Mrs. Thomas Whitlock; Honorable Mention, Mildred Grey Sandy.

Drawing of the Figure.—First Prize, Gold Medal, Edward Muller; Honorable Mention, Barbara R. Bermel.

For DRAWING FROM LIFE.—Drawing of the Head.—First Prize, Silver Medal, Albert Schroeter; Honorable Mention, Mabel Collins. Drawing of the Nude Figure.—First Prize, Gold Medal, Mrs. E. A. Comstock; Honorable Mention, Jacob Salganik.

For PAINTING FROM LIFE.—Painting of the Nude Figure: First Prize, Gold Medal, Albert Schroeter; Honorable Mention, Robert Connavalli.

Painting of the Draped Figure: First Prize, Silver Medal, Jacob Salganik; Honorable Mention, Albert Schroeter.

For the Greatest Improvement in Drawing during the School Year: Silver Medal, Ida Cromwell.

7. The Barlow Medals, signifying first honors in the Class of 1911 for the two years of the Junior College Course, were awarded as follows:

(1) In the Division of Sciences and Mathematics, Ida Louise Wolfensberger.

(2) In the Division of Languages and Literatures, Clara Emma Schmidt.

(3) In the Division of History and Philosophy, Johanne Caroline Wortmann.

Index

	PAGE
Admission, terms of.....	11-23
Advanced Standing	22, 23
Alumni Organizations	86
Art School	83-85
Calendar—1909-1911	3
Certificate, admission by.....	21, 22
Certificate, Junior College.....	25
Commencement, 1909	92-95
Degrees, Requirements for.....	24-29, 35
Equipment	71-73
Examinations for admission.....	11, 12
Expenses	87, 88
Faculty and other Officers of the College.....	6-9
Gifts	89-91
Honors	74, 75
Normal School for Kindergartners.....	77-82
Normal School for Teachers of Art.....	77-81
Office Hours	10
Self Government Among Students.....	76, 83
Studies, Description of.....	36-70
Summer Session	30-32
Teachers Courses	32-34
Teaching, Preparation for.....	27, 28
Trustees, Board of.....	4-5

Adelphi College Needs

Endowment Funds, both General and Special in Character, and Money to Provide Increased Room in its Buildings

1. There is at present no special endowment for any professorial Chair in the College Faculty. A gift of from \$50,000 to \$100,000 would endow such a chair and might constitute a memorial to the donor.
2. A gift of \$4,000 would establish a free scholarship in perpetuity for the benefit of needy and deserving students. There is need for a large number of such scholarships.
3. A general endowment fund is needed to provide for the acquisition of a suitable campus, with buildings and equipment, such as a young and growing college will need in the near future; say \$1,000,000.
4. The present College building contains the foundations of an astronomical observatory. The observatory could be completed and a suitable telescope procured by an expenditure of about \$10,000.
5. The library has an endowment fund amounting to a little more than \$1,000. It should be \$100,000.

Form of a Bequest of Money

I give and bequeath to Adelphi College, in Brooklyn, for its corporate purposes the sum of.....dollars, to be paid to the said corporation by my executors.

Form of a Bequest of Real Estate

I give and devise to Adelphi College, in Brooklyn, for its corporate purposes all (here describe lands or property devised).

CLINTON L. ROSSITER, Treasurer

44 Court Street, Brooklyn

ADELPHI COLLEGE

Divisions and Schools

1. Division of History and Philosophy
DEGREE B.A.
2. Division of Languages and Literatures
DEGREE B.A.
3. Division of Mathematics and Sciences
DEGREE B.A.
4. Normal School for Kindergartners and Art Teachers
5. Art School
6. Adelphi Academy

FOR CIRCULARS OF INFORMATION, ADDRESS

THE REGISTRAR

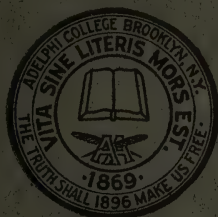
ADELPHI COLLEGE, BROOKLYN

UNIVERSITY OF MARYLAND
11

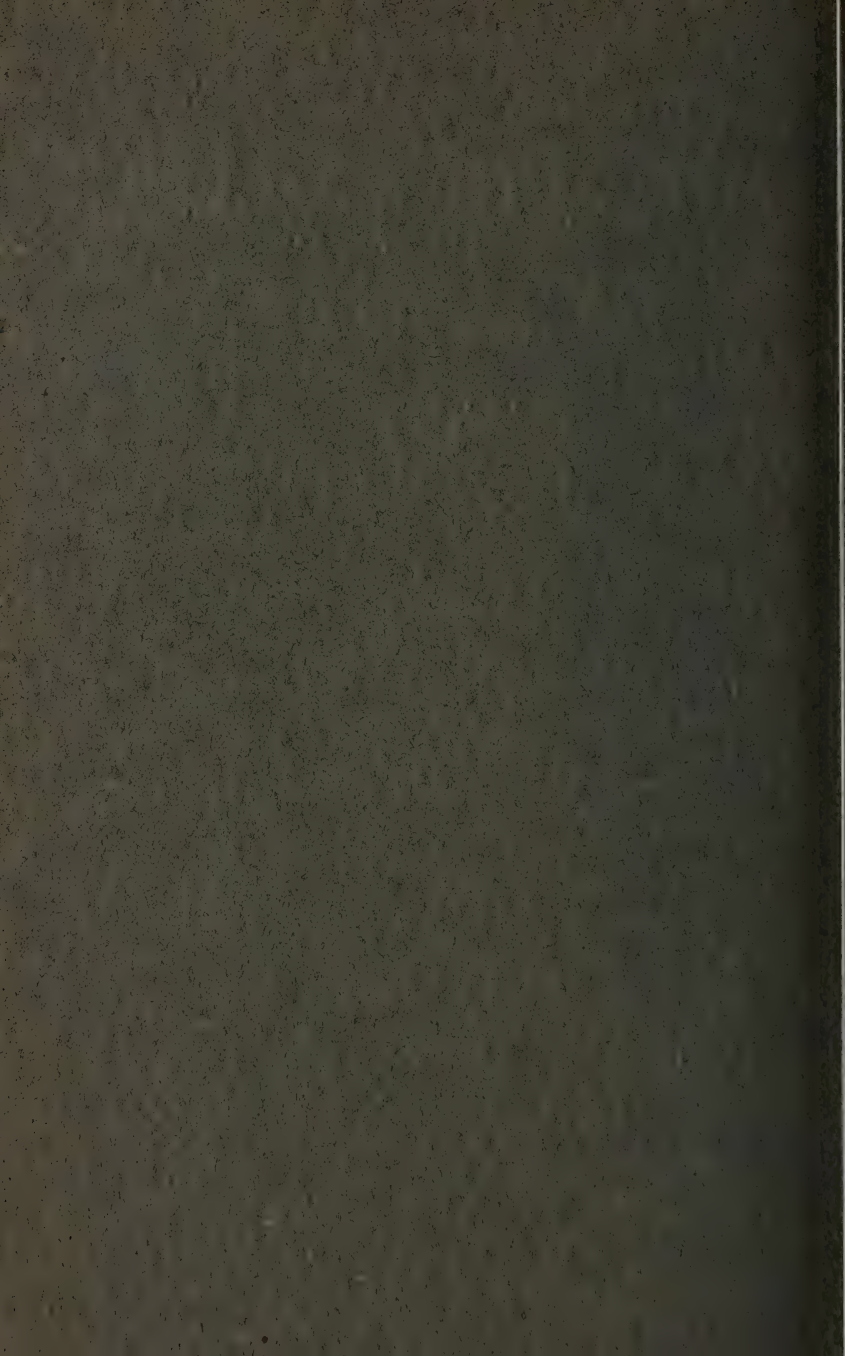
ADELPHI COLLEGE

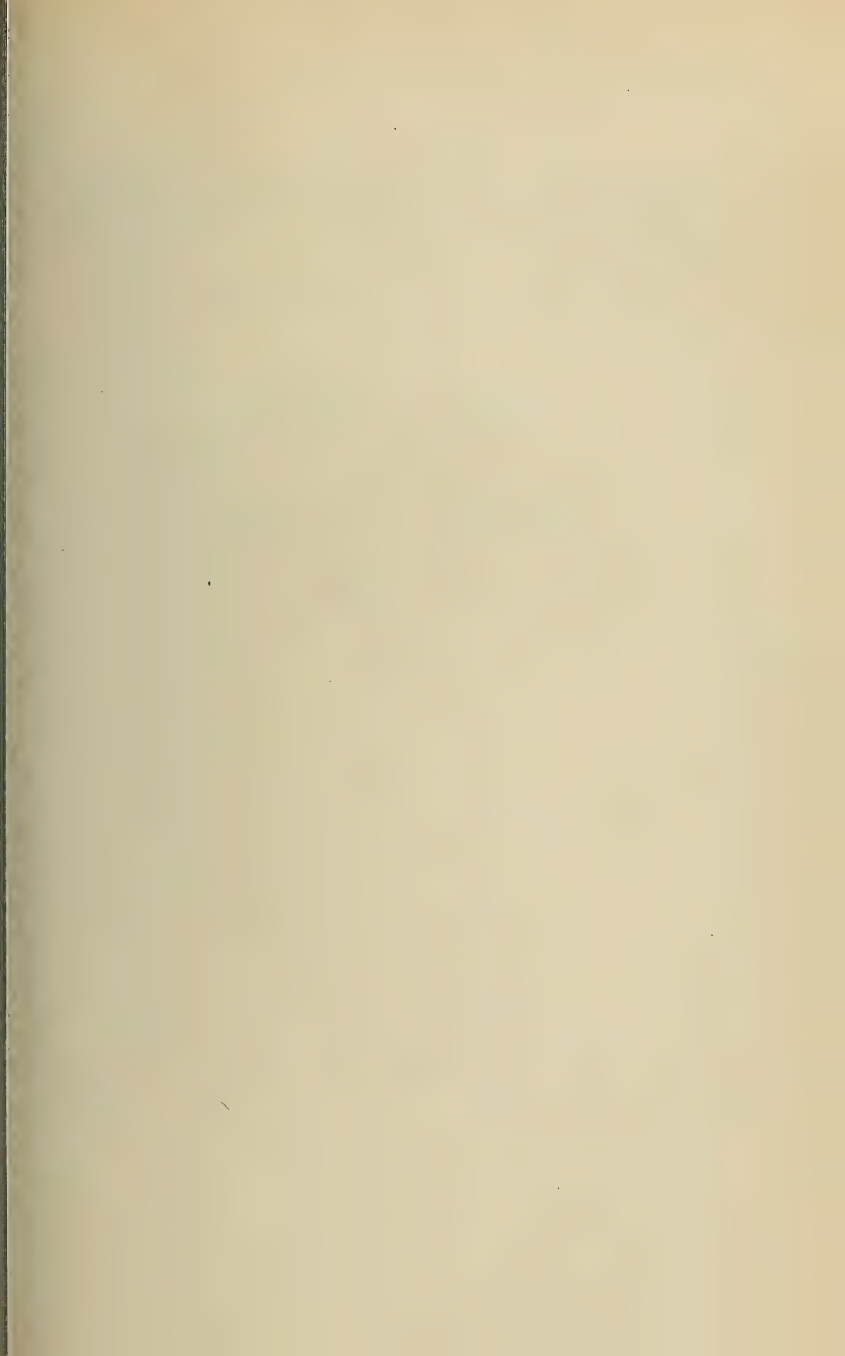
CATALOG

1911



THE PORAHY
OF THE
UNIVERSITY OF MARYLAND





ADELPHI COLLEGE

CATALOG

ANNOUNCEMENT

Of Courses of Study in
a l l D e p a r t m e n t s

1911

LAFAYETTE AVENUE
ST. JAMES PLACE AND CLIFTON PLACE
BROOKLYN-NEW YORK

Published by the College

1911

1910

Calendar

Sept. 21, Wednesday—Beginning of College year, 1910-1911.

Sept. 21-24—Registration Days.

Sept. 26, Monday—Class Work, 1910-1911, begins.

Nov. 24-27, Thursday-Sunday—Thanksgiving Recess.

Dec. 18, 1910-Jan. 2, 1911—Christmas Recess.

1911

Jan. 22, 1911—First Semestral Examination period begins.

Jan. 23-25—Entrance Examinations, Second Semester.

Feb. 1, Wednesday—Second Semester begins.

Feb. 22, Wednesday—Washington's Birthday; a Holiday.

April 14-23—Spring Recess.

May 1, Monday—Last day for presenting Theses for Prizes and Advanced Degrees.

May 26, Friday—Second Semestral Examination Period begins.

June 11, Sunday—Baccalaureate Service.

June 15, Thursday—Commencement.

June 19-24—Entrance Examinations by the College Entrance Examination Board.

July 6, Thursday—Summer Session begins.

August 17, Thursday—Summer Session ends.

Sept. 20, Wednesday—First Semester, 1911-1912, begins.

Sept. 20-23—Registration Days.

Sept. 25—Class Work, 1911-1912, begins.

Nov. 30-Dec. 3, Thursday-Sunday—Thanksgiving Recess.

Dec. 17, 1911-Jan. 2, 1912—Christmas Recess.

1912

Jan. 22-Jan. 30—First Semestral Examination period.

Jan. 22-Jan. 25—Entrance Examinations, Second Semester.

Jan. 31, Wednesday—Second Semester begins.

Board of Trustees

Names stand in order of seniority in membership.

CHARLES H. LEVERMORE.....	30 St. James Place
ANNIE G. TRUSLOW (MRS. F. C. TRUSLOW),	61 South Portland Avenue
AMELIA B. HOLLENBACK (MRS. J. W. HOLLENBACK),	460 Washington Avenue
TIMOTHY L. WOODRUFF.....	25 Eighth Avenue
CLINTON L. ROSSITER.....	48 Montgomery Place
MATTHEW HINMAN.....	480 Vanderbilt Avenue
MARY E. BUTTERICK.....	406 Franklin Avenue
FREDERICK E. CRANE.....	854 Prospect Place
REV. S. PARKES CADMAN, D.D.....	2 Spencer Place
HERBERT K. TWITCHELL.....	153 South Oxford Street
LLEWELLYN A. WRAY.....	1165 Dean Street
FRANK FREEMAN.....	213 Washington Avenue
J. EDWARD SWANSTROM*	577 Fourth Street
HERMAN A. METZ.....	253 Clinton Avenue
JAMES H. POST.....	162 Ross Street
FREDERICK J. H. KRACKE.....	11 Kenmore Place
EDWARD T. HORWILL.....	1186 Dean Street
CHARLES G. BALMANNO.....	591 Fifth Street
GILBERT C. HALSTED.....	308 Washington Avenue
WILLIAM THORNTON.....	279 Ryerson Street
THOMAS L. LEEMING.....	858 Carroll Street
WILLIAM FREDERICK DIX,	177 Harrison Street, East Orange, N. J.

*Deceased, February 15, 1911.

Officers of the Board of Trustees

JAMES H. POST.....	<i>President of the Board</i>
FREDERICK E. CRANE.....	<i>Vice-President</i>
CLINTON L. ROSSITER.....	<i>Treasurer</i>
HERBERT K. TWITCHELL.....	<i>Secretary</i>

Standing Committees of the Board of Trustees

Executive Committee

JAMES H. POST	HERBERT K. TWITCHELL
CLINTON L. ROSSITER	CHARLES H. LEVERMORE
TIMOTHY L. WOODRUFF	HERMAN A. METZ
FREDERICK E. CRANE	GILBERT C. HALSTED
S. PARKES CADMAN	EDWARD T. HORWILL

Finance Committee

HERBERT K. TWITCHELL	HERMAN A. METZ
----------------------	----------------

Committee on Instruction

CHARLES H. LEVERMORE	ANNIE G. TRUSLOW
FREDERICK E. CRANE	MARY E. BUTTERICK
LLEWELLYN A. WRAY	

Committee on Buildings and Grounds

GILBERT C. HALSTED	FRANK FREEMAN
AMELIA B. HOLLENBACK	LLEWELLYN A. WRAY

Committee on the Art School

MATTHEW HINMAN	ANNIE G. TRUSLOW
S. PARKES CADMAN	

Officers of Instruction and Government

Executive Officers

CHARLES HERBERT LEVERMORE, Ph. D....	<i>President of the College</i>
WILLIAM CLARK PECKHAM, M.A.....	<i>Dean of Men</i>
MARGARET SWEENEY, Ph.D.....	<i>Dean of Women</i>
EDWIN A. GREENLAW, Ph.D.....	<i>Secretary of the Faculty</i>
JOHN BERNARD WHITTAKER.....	<i>Dean of the Art School</i>
ANNA E. HARVÈY.....	<i>Dean of the Normal School</i>

Faculty

(NAMES OF THE FACULTY, EXCEPT THAT OF THE PRESIDENT, STAND
IN ORDER OF APPOINTMENT TO PROFESSORSHIPS OR
ASSISTANT-PROFESSORSHIPS.)

CHARLES HERBERT LEVERMORE.....	30 St. James Place <i>B.A. (Yale), Ph.D. (Johns Hopkins), President</i>
FREDERICK WEBSTER OSBORN.....	67 Cambridge Place <i>B.A., M.A. (Yale), Emeritus Professor of Psychology and Philosophy</i>
WILLIAM CLARKE PECKHAM.....	406 Classon Avenue <i>B.A., M.A. (Amherst), Professor of Physics</i>
JOHN BARNARD WHITTAKER.....	496 McDonough Street <i>Professor of Art</i>
WILLIAM WALDEMAR SHARE.....	Crescent Club <i>Ph.B., Ph.D. (Columbia), Professor of Chemistry and Geology</i>
HENRY STOUT PETTIT.....	106 Gates Avenue <i>M.D. (L. I. Coll. Hospital), Director of the Gymnasium and Professor of Physical Education</i>
ELIZABETH VENABLE GAINES.....	296 Ryerson Street <i>B.A. (Adelphi), M.A. (Columbia), Professor of Biology</i>
JOHN A. SANFORD.....	226 St. James Place <i>B.A. (Brown), Ph.D. (Univ. of Minn.), Professor of the Latin Language and Literature</i>

OFFICERS OF INSTRUCTION AND GOVERNMENT 7

- JOSEPH BOWDEN.....24 Clifton Place
B.A., Ph.D. (Yale), Professor of Mathematics
- ADELBERT GRANT FRADENBURGH.....182 Midwood Street
B.A. (Allegh. Coll.), Ph.D. (Univ. Wis.), Professor of History and Politics
- ERNEST NORTON HENDERSON.....391 Lafayette Avenue
B.A., M.A. (University of Cal.), Ph.D. (Columbia), Professor of Education and Philosophy
- JOHN FIRMAN COAR.....466 Washington Avenue
(Kaiser Wilhelm Gymn., Koeln), M.A., Ph.D. (Harvard), Professor of the Germanic Languages and Literatures
- EDWIN A. GREENLAW.....111 Kenmore Place
B.A., M. A. (Northwestern), M.A. Ph.D. (Harvard), Professor of the English Language and Literature
- ANNA E. HARVEY.....472 Washington Avenue
Professor of Froebelian Theory and Methods
- WILLIAM PHELPS MACFARLANE.....147 Greene Avenue
Professor of Oratory and Elocution
- ANNIE MARION MACLEAN.....292 Ryerson Street
B.A., M.A. (Acadia Coll.), Ph.M., Ph.D. (Chicago), Professor of Sociology
- JOHN BARTHOLOMEW O'CONNOR.....393 Lafayette Avenue
B.A. (Rochester), Ph.D. (Princeton), Professor of the Greek Language and Literature
- MARGARET SWEENEY.....168 St. John's Place
B.A. (Radcliffe), Ph.D. (Yale), Assistant Professor of the English Language and Literature
- LOUISE BOTH-HENDRIKSEN.....150 Lefferts Place
Emeritus Assistant Professor of History
- EUGENE MALOUBIER.....542 Dean Street
Baccalaureat-ès-lettres, Licencié-ès-lettres (Univ. of Paris), Assistant Professor of Romance Languages and Literatures
- E. HELEN HANNAHS.....292 Ryerson Street
B.A. (Chicago), Assistant Professor of Education and Psychology
- ISABEL DIX FISHER.....126 Columbia Heights
(Grad. Boston Normal School of Gymnastics), Director of Physical Training for Women

Instructors

- ROSALIA CUEVAS.....451 Washington Avenue
B.A. (Adelphi), Instructor in Romance Languages
- GRACE DELANO.....512 Lexington Avenue
B.A., M.A. (Adelphi), Instructor in English
- LOUISE M. HOSCHKE.....209 Prospect Place
B.A. (Adelphi), Assistant in Physical Education
- ELIZABETH RAWLS.....309 Lafayette Avenue
B.A. (Smith), Assistant in Biology
- N. LOUISE ROETHGEN.....159 Willoughby Avenue
B.A. (Adelphi), Instructor in Methods
- BRUNO ROSELLI.....192 Greene Avenue
Ph.D. (Urbino), Instructor in the History of Art and in Italian
- WILLIAM ARMOUR THAYER.....80 St. James Place
Director of Music
- RUDOLPH TOMBO.....321 St. Nicholas Avenue
(Gymn. zum Heiligen Kreuz, Dresden), Ph.D. (Rostock), Instructor in German

Administrative Officers and Assistants

- CHARLOTTE MORRILL.....324 Adelphi Street
M.A. (Adelphi), Bursar
- JOHN G. EWING.....58 Clifton Place
Superintendent of Buildings
- MABEL FARR.....556 Lafayette Avenue
Librarian
- HENRIETTA M. FLEMING.....335 East 17th Street
Secretary
- MAUD HARRISON.....270 St. James Place
Assistant Bursar
- GRACE DELANO.....512 Lexington Avenue
B.A., M.A. (Adelphi), Registrar

Standing Committees of the Faculty

The President is member *ex officio* of all Standing Committees

1. *Admissions and Advanced Standing:* THE DEANS AND THE SECRETARY.
2. *Instruction:* EACH DIVISIONAL GROUP OF INSTRUCTORS.
Chairmen of Divisions: *History and Philosophy*, PROFESSOR HENDERSON; *Languages and Literatures*, PROFESSOR COAR; *Sciences and Mathematics*, DEAN PECKHAM.
3. *Examinations:* PROFESSOR BOWDEN, DEAN PECKHAM, DEAN SWEENEY.
4. *Teachers Courses and the Summer Session:* PROFESSORS FRADENBURGH, GREENLAW, HENDERSON.
5. *Petitions:* DEAN SWEENEY, DEAN PECKHAM, PROFESSORS GAINES and MALOUBIER.
6. *Commencement:* DEAN PECKHAM, PROFESSORS MACLEAN and SANFORD.
7. *Graduate Instruction:* PROFESSORS COAR, GREENLAW, O'CONNOR, SHARE.
8. *Athletics:* PROFESSOR PETTIT, DEAN SWEENEY, MISS FISHER.
9. *Schedule:* DEAN SWEENEY, DEAN PECKHAM, PROFESSORS BOWDEN and SHARE.
10. *Student Activities:* DEAN SWEENEY, PROFESSORS GREENLAW and MACFARLANE.

Office Hours

(Except on holidays and during vacations)

The Executive Offices are open daily from September 1st to July 1st.

The office hours of the President are from 9.15 to 10.30 A. M., daily after the second week in September.

The office hours of the Dean of Women during session time are from 9 to 10 A. M. and 2 to 3 P. M., all days except Saturdays.

The office hours of the Dean of Men are on Tuesday from 3 to 4 P. M., in Room 70.

The office hours of the Secretary of the Faculty are on Mondays, Wednesdays and Fridays, from 12 to 12.30, in Room 53.

The office hours of the Chairman of the Committee on Teachers Courses and the Summer Session are from 3 to 4 P. M. on Tuesdays and Fridays, and from 9 to 10 A. M. on Saturdays during May, June, September, and October.

The office hours of the Superintendent of the Normal School are from 2 to 3 P. M. on Fridays.

The Bursar's office is open on session days from 8.30 A. M. to 4.30 P. M.

The Art School is open to visitors for inspection on Wednesday mornings.

The College

Adelphi College was incorporated by the Regents of the University of the State of New York, at Albany, Wednesday, June 24, 1896. The degrees issued by Adelphi bear the seals of both the University and the College, and are signed by the Chancellor of the Board of Regents and the State Commissioner of Education, as well as by the officers of the College.

ADMISSION TO THE FRESHMAN CLASS

Students are admitted either by examination or by certificate. Every candidate for a degree must offer subjects amounting to fifteen "points," of which some are prescribed and the rest elective. Each unit represents the work of one year, at the rate of five (5) periods a week, which will normally be required in the secondary school for adequate preparation.

Point-Values of Subjects Required for Admission

The relative value of each subject offered for admission is stated in UNITS as follows:

<i>English</i>	b)	Study and Practice	(1)	}	3
	a)	Reading and Practice	(2)		
<i>French</i>	a)	Elementary	(2)	}	3
	b)	Intermediate	(1)		
<i>German</i>	a)	Elementary	(2)	}	3
	b)	Intermediate	(1)		
<i>Greek</i>	a)	Grammar and Prose Comp.	(1)	}	3
	b)	Xenophon, Anabasis I-IV	(1)		
	ch)	Homer, Iliad, I-III and			
		Sight Reading	(1)		

<i>History</i>	a)	Ancient	(1)	4
	b)	Medieval and Modern	(1)	
	c)	English	(1)	
	d)	American and Civics	(1)	
<i>Latin</i>	a)	Grammar and Prose Comp.	(1)	4
	b)	Cæsar, Gall. War I-IV	(1)	
	c)	Cicero, 7 Orations (Manilian as 2)	(1)	
	dq)	Virgil, Aeneid I-VI and Sight Reading	(1)	
<i>Mathematics</i>	a)	El Algebra :		3
	i)	To Quadratics	(1)	
	ii)	Quadratics and beyond	(1)	
	b)	Pl. Geometry	(1)	1½
	c)	Adv. Algebra	(½)	
	d)	Solid Geometry	(½)	
<i>Sciences</i>	e)	Pl. and Sph. Trig.	(½)	
		Chemistry	1	
		Physics	1	
<i>Spanish</i>	a)	Elementary	(2)	
	b)	Intermediate	(1)	

Applicants for admission to College by examination must be at least sixteen years of age, and must be able to pass satisfactory examinations in subjects amounting to at least fifteen (15) units. Of these three (3) must be in English, three (3) in Mathematics, one (1) in History, and either four (4) in Latin or three (3) in Greek, French or German. No applicant may offer more than two languages other than English in satisfaction of these requirements.

Definitions of Requirements for Admission

Adelphi College accepts the definitions of entrance requirements adopted by the College Entrance Examination Board.

1. ENGLISH.

The requirement in English is that recommended by the Conference on Uniform Entrance Requirements in English.

NOTE.—No candidate will be accepted in English whose work is notably defective, in point of spelling, punctuation, idiom, or division into paragraphs.

a. Reading. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—given in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. **In every case knowledge of the book will be regarded as less important than the ability to write good English.** In preparation for this part of the examination, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

Candidates should read the books prescribed for the year in which they propose to present themselves for this part of the examination. Ten books, selected as prescribed below from the following list, are to be offered for examination:

GROUP 1 (two to be selected). Shakspere's *As You Like It*, *Henry V.*, *Julius Caesar*, *The Merchant of Venice*, *Twelfth Night*. In 1913 and after this becomes Group 2 (two to be selected.) Shakspere's *Midsummer Night's Dream* is then to be added to this list.

In 1913 and after, Group 1 will be as follows: *The Old Testament*, comprising at least the chief narrative episodes in *Genesis*, *Exodus*, *Joshua*, *Judges*, *Samuel*, *Kings* and *Daniel*, together with the books of *Ruth* and *Esther*. Homer's *Odyssey*, omitting, if desired, *Books, I, II, III, IV, V, XV, XVI, XVII*;

Homer's *Iliad*, omitting, if desired, *Books, XI, XIII, XIV, XV, XVII, XXI*; Virgil's *Aeneid*. *The Odyssey, Iliad* and *Aeneid* may be read in English translations of recognized literary excellence. For any unit of this group a unit from any other group may be substituted.

GROUP 2 (one to be selected). Bacon's *Essays*; Bunyan's *The Pilgrim's Progress, Part I*; Franklin's *Autobiography*; *The Sir Roger de Coverley Papers in the Spectator*. In 1913 and after this becomes Group 4 (two to be selected). Bacon's *Essays* are omitted and the following are added: Irving's *Sketch Book*; Macaulay's *Essay on Lord Clive and Warren Hastings*; Thackeray's *English Humorists*; Lincoln's *Two Inaugurals, Speeches in Independence Hall and at Gettysburg, Last Public Address, Letter to Horace Greeley*, with brief memoir of Lincoln; Parkman's *Oregon Trail*; Thoreau's *Walden*, or Huxley's *Autobiography* and Selections from *Lay Sermons*, including addresses on "*Improving Natural Knowledge*," "*A Liberal Education*," and "*A Piece of Chalk*"; Stevenson's *Inland Voyage and Travels with a Donkey*.

GROUP 3 (one to be selected). Chaucer's *Prologue* (omitted in 1913); Goldsmith's *The Deserted Village* (transferred in 1913 to Group 5); Palgrave's *Golden Treasury (First Series), Books II and III*, with especial attention to Dryden, Collins, Gray, Cowper and Burns (transferred in 1913 to Group 5); Pope's *The Rape of the Lock* (omitted in 1913); Selections from Spenser's *Faerie Queen* (omitted in 1913).

GROUP 4 (two to be selected). Blackmore's *Lorna Doone*; Dickens' *A Tale of Two Cities*; George Eliot's *Silas Marner*; Mrs. Gaskell's *Cranford*; Goldsmith's *The Vicar of Wakefield*; Hawthorne's *The House of Seven Gables*; Scott's *Ivanhoe* and *Quentin Durward*; Thackeray's *Henry Esmond*. In 1913 and after, this becomes Group 3 (two to be selected). Blackmore's *Lorna Doone* will be omitted and the following added: Defoe's *Robinson Crusoe, Part I*; Dickens' *David Copperfield*; Stevenson's *Treasure Island*.

GROUP 5 (two to be selected). (In 1913 and after, this whole group is to be omitted.) Carlyle's *Heroes and Hero Worship*, (in 1912 Carlyle's *Hero as Poet, Man of Letters, and as King*, is

to be substituted for this); De Quincey's *Joan of Arc* and *The English Mail Coach*; Emerson's *Essays* (Selected); Irving's *Sketch Book*; Lamb's *Essays of Elia*; Ruskin's *Sesame and Lilies*.

GROUP 6 (two to be selected). Coleridge's *The Ancient Mariner*, Scott's *The Lady of the Lake*, Byron's *Mazeppa* and *The Prisoner of Chillon*, Palgrave's *Golden Treasury* (*First Series*), *Book IV*, with especial attention to Wordsworth, Keats and Shelley; Macaulay's *Lays of Ancient Rome*, Poe's *Poems*, Lowell's *The Vision of Sir Launfal*, Arnold's *Sohrab and Rustum*, Longfellow's *The Courtship of Miles Standish*, Tennyson's *Gareth and Lynette*, *Launcelot and Elaine* and *The Passing of Arthur* (in 1912, *The Princess*, in place of the three Idyls); Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought The Good News from Ghent to Aix*, *Evelyn Hope*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *The Boy and The Angel*, *One Word More*, *Hervé Riel*, *Pheidippides*. In 1913 and after, this becomes Group 5 (two to be selected). Byron's *Mazeppa* and Browning's *Evelyn Hope*, *The Boy and the Angel*, and *One Word More* will be omitted. The following will be added: The Goldsmith and Palgrave items from Group 3 above; Gray's *Elegy in a Country Churchyard*; Byron's *Childe Harold, Canto IV*; Whittier's *Snow Bound*; Browning's *My Last Duchess* and *Up at a Villa-Down in the City*.

b. *Study and Practice*. This part of the examination presupposes a more careful study of each of the works named below. The examination will be upon subject matter, form and structure. In addition the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

Burke's *Speech on Conciliation with America*, or Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*; Macaulay's *Life of Johnson* or Carlyle's *Essay on Burns*; Milton's *Comus*, *Lycidas*, *L'Allegro*, *Il Penseroso*, Shakspeare's *Macbeth*.

In 1912 Tennyson's *Idylls of the King* may be used as an alternative to Milton's poems. In 1912 and after, *Lycidas* is to be omitted.

2. FRENCH.

a. **Elementary Requirement** (two years' course). The translation of ordinary modern prose at sight into idiomatic English. The candidate should have read a minimum of four hundred pages, which ought to include the work of at least three authors.

The requirement in grammar comprises: The use of the article and partitive; inflections of nouns, adjectives, participles and pronouns; the use of personal pronouns, common adverbs, prepositions and conjunctions; familiarity with the regular conjugations and all but the rare irregular verbs; the simpler uses of the conditional and the subjunctive.

The student's knowledge of grammar will be tested chiefly by the translation of English sentences into French, but may also be tested by direct questions based on the French passage set for translation.

b. **Intermediate Requirement** (three years' course). Translation of standard French at sight into idiomatic English. The candidate should have read, in addition to the amount specified under the *Elementary Requirement*, from four hundred to six hundred pages of modern prose and verse, which ought to include the work of at least four authors.

The requirement in grammar comprises a thorough knowledge of accidence and the essentials of syntax; in particular the student should be familiar with the uses of tenses, modes, prepositions and conjunctions.

The student's knowledge of grammar will be tested chiefly by the translation of English sentences and of a piece of connected English prose into French, but may also be tested by direct questions based on the French passages set for translation.

It is recommended that the candidate be trained to take part in recitations conducted in French.

3. GERMAN.

a. **Elementary Requirement**. The rudiments of grammar, including irregular verbs, elementary rules of syntax and word order. Translation into German of easy variations upon sentences selected from the reading lesson. Drill in pronunciation and in taking German dictation.

Readings: 75 to 100 pages of graduated texts from a reader. Guerber's *Märchen und Erzählungen*, Vol. I; Gerstaecker's *Germelshausen*; Storm's *Immensee*; Heyse's *L'Arabiata*. Equivalents may be offered.

b. Intermediate Requirement. An accurate knowledge of the principles of grammar, embracing inflections and syntax. Sight translation. Ability to take dictation, to follow a recitation conducted in German and to write short themes based on the reading.

Readings: Lessing's *Minna von Barnhelm*, Schiller's *Wilhelm Tell*, one of Riehl's *Kulturhistorische Novellen*, Goethe's *Hermann und Dorothea*, Moser's *Der Bibliothekar*. Equivalents may be offered.

4. GREEK

Grammar, a thorough knowledge of forms and syntax.

Xenophon, the *Anabasis*, Books I-IV.

Homer, the *Iliad*, Books I-III.

Prose composition based on the *Anabasis*.

Ability to translate at sight an ordinary passage of prose or poetry.

5. HISTORY

(a) Ancient history, with special reference to Greek and Roman history, and including a short introductory study of the more ancient nations and the chief events of the early Middle Ages, down to the death of Charlemagne.

(b) Medieval and Modern European history, from the death of Charlemagne to the present time.

(c) English History.

(d) American History, including civics.

One unit for admission in History must mean the satisfactory completion of one year of historical study with not less than three class-exercises a week throughout the year.

6. LATIN

I. READING REQUIRED

1. The Latin reading required of candidates for admission to college, without regard to the prescription of particular authors and works, shall be not less *in amount* than Cæsar, Gallic War, I-IV; Cicero, the orations against Catiline, for the Manilian Law, and for Archias; Virgil, *Aeneid*, I-VI.

2. The amount of reading specified above shall be selected from the following authors and works: Cæsar (Gallic War and Civil War) and Nepos (Lives); Cicero (orations, letters and De Senectute) and Sallust (Catiline and Jugurthine War); Virgil (Bucolics, Georgics and Aeneid) and Ovid (Metamorphoses, Fasti and Tristia).

II. SUBJECTS AND SCOPE OF THE EXAMINATIONS

1. *Translation at Sight.* Candidates will be examined in translation at sight of both prose and verse. The vocabulary, construction and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

2. *Prescribed Reading.* Candidates will be examined also upon the following prescribed reading: Cicero, orations for the Manilian Law and for Archias, and Virgil, Aeneid, I, II, and either IV or VI at the option of the candidate, with questions on subject matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

3. *Grammar and Composition.* The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose. The words, constructions and range of ideas called for in the examinations in composition will be such as are common in the reading of the year, or years, covered by the particular examination.

7. MATHEMATICS

(a) Elementary Algebra:

(i) *To Quadratics*, including the four fundamental operations for rational algebraic expressions, factoring, highest common factor and lowest common multiple by factoring, fractions, complex fractions, ratio and proportion, linear equations, square root of numbers and of polynomials, radicals, exponents.

(ii) *Quadratics and Beyond*, including quadratic equations, the binomial theorem for positive integral exponents, arithmetical and geometric progressions and graphs.

(b) Plane Geometry, including the solution of original exercises, loci and applications to the mensuration of plane figures.

(c) Advanced Algebra, including permutations and combinations, complex numbers with graphical representation, determinants, numerical equations of higher degree and theory of equations.

(d) Solid Geometry, including original exercises, loci and mensuration of surfaces and solids.

(e) Trigonometry, including circular measurement of angles, proofs of formulas, solution of trigonometric equations, theory and use of logarithms, solution of right and oblique plane triangles, solution of right spherical triangles, with practical applications.

8. SCIENCE

(a) Chemistry, metals and non-metals, one year's study, with laboratory practice.

(b) Physics, at least one year's study, five hours weekly, with laboratory practice.

9. SPANISH

a. Elementary Requirement (two year's course). The translation of ordinary modern prose at sight into idiomatic English. The student should have read a minimum of four hundred pages, which ought to include the work of at least three authors.

The requirement in grammar comprises: The use of the article, inflections of nouns, adjectives and pronouns; the use of personal pronouns, and common prepositions and conjunctions; mastery of all but the rare irregular verbs, and ^{CULT} knowledge of the simpler use of the moods and tenses.

The student's knowledge of grammar will be tested chiefly by the translation of English sentences into Spanish, but may also be tested by direct questions based on the Spanish passage set for translation.

b. Intermediate Requirement. Translation of standard Spanish at sight into idiomatic English. The candidate should have read, in addition to the amount specified under the *Elementary*

Requirement, from five to six hundred pages of modern prose and verse, which should include the work of at least two authors.

Texts recommended: Galdós: *Doña Perfecta*, *Electra*; Tomayo y Baus: *Lo Positivo*; Nuñez de Arce: *El Haz de Lena*; Valdez: *José*; Moratin: *El Si de las Niñas*.

The requirement in grammar comprises a thorough knowledge of accidence and the essentials of syntax. The candidate should be prepared to translate into Spanish sentences which exemplify grammatical difficulties, and ought also to be able to write an original composition in Spanish on the subject matter of the books offered for admission.

Admission by Examination

Examinations for Admission are held at the College in June, September and January, and students can begin college work either in September or in February.

The examinations in June are conducted in the College buildings by the College Entrance Examination Board, of which Board Adelphi College is a member. All applications for admission to these examinations must be addressed to the "Secretary of the College Entrance Examination Board, P. O. Sub-station 84, New York, N. Y.," and must be made upon a blank form to be obtained from the Secretary of the Board upon application. Applications for examination at points in the United States east of the Mississippi River, must be received on or before Monday, May 31, 1910. The examination fee is \$5.00* for all candidates examined at points in the United States and Canada. The fee (which cannot be accepted in advance of the application) should be remitted by postal order, express order or draft on New York to the order of the College Entrance Examination Board.

Entrance examinations in September are held at the College on Wednesday, Thursday and Friday of the week before the beginning of recitations in each year. Applications for admission to these examinations should be sent to THE SECRETARY OF THE FACULTY, Adelphi College, Brooklyn, before the second Monday in September.

Entrance examinations in January for admission at the begining of the second semester are held during the last week of the month. Application for admission to these examinations should be sent to the Secretary before January 15th.

Order of Entrance Examinations

in September and January.

FIRST DAY

Cæsar and Cicero.....	9.00—10.30
English History.....	10.30—12.00
Chemistry	10.30—12.00
Anabasis, Trigonometry.....	10.30—12.00
Virgil and Sight Reading.....	1.00— 3.00
German	3.00— 4.30

SECOND DAY

English	9.00—10.30
Iliad and Sight Reading.....	10.30—12.00
Physics	10.30—12.00
Elementary Algebra (i and ii).....	1.00— 3.00
United States History.....	3.00— 4.30

THIRD DAY

Plane Geometry.....	9.00—11.00
Solid Geometry, Mediæval History.....	11.00—12.00
French	1.00— 2.30
Advanced Algebra.....	2.30— 4.30
Ancient History.....	2.30— 4.00

Admission by Certificate

Applicants for admission to College by certificate must be at least sixteen years of age, and graduates of a high school or academy approved by Adelphi College. They must have completed a four years' course, must be recommended for admission to College by the principal of the school from which they are graduated, must present a certificate provided by the College and filled out by the authorities of the school, and the subjects studied must include: Three (3) units in English, three (3) units in mathematics, one (1) unit in History, four (4) units in Latin or three (3) units in Greek, French or German, and, in addition, a sufficient number of subjects

chosen from the foregoing list to make a total of fifteen units. No applicant can offer more than two languages, other than English, in satisfaction of these requirements.

Applicants for admission who present the College Entrance Diploma will be admitted to Freshman standing without examination, and without condition, provided that the choice of elective studies for that diploma enables the candidate to satisfy the Adelphi requirements for admission, as stated above.

Graduates of New York City High Schools who hold the Academic Diploma are admitted to Freshman standing without examination and without condition.

Admission to Advanced Standing

The Faculty will accept properly authenticated certificates of work done in other colleges of good standing, but no student who enters Adelphi College upon such credentials may be graduated from Adelphi College unless a credit of at least 30 points has been obtained for courses taken while in residence at Adelphi College. For studies not pursued in residence and not certified to by a recognized institution of higher learning, credits toward the degree may be granted only in exceptional cases and only if the student passes successfully a special examination in each study for which credit is requested. Students who desire a special examination of this kind in order to secure credit for advanced standing must at the time of matriculation file with the Dean an application setting forth distinctly the facts and the evidence on which the request is based. If the application is granted by the faculty, the special examination must be taken before the close of the first semester following matriculation.

Students applying for admission to College as candidates for the degree of Bachelor of Arts, who are graduates of a normal or training school for teachers in the State of New York, maintaining a two years' training course, and under the supervision of the State Commissioner of Education or of the New York City Superintendent of Public Instruction, and who are also graduates from a four years' course in a recognized high school, or its equivalent, may receive a credit of 34 points. Similar graduates from the one year course in the Brooklyn City Training School prior to the year 1904 may receive a credit of 18 points.

Normal and Training School graduates who have had less than a four years' course in a High School must satisfactorily remove any deficiencies in their record for secondary school work before receiving credit toward a degree for their Normal course.

Admission of Students Not Candidates for a Degree

Students of mature age, not candidates for a degree, may be admitted to courses of study for which their previous training has fitted them, provided they satisfy the requirements of the departments which they propose to enter. In the event of change of plans, and on satisfying the requirements for admission to regular standing, they will be permitted to count courses so taken towards the Bachelor's degree.

Requirements for the Degree of Bachelor of Arts

The Freshman and Sophomore classes in Adelphi College together form the Junior College. The Senior College includes the Junior and Senior Classes.

All the studies in the College curriculum are arranged in three divisions, and each student, after admission to College, designates one of the divisions as a Major group of studies, and another as an Intermediate group; the remaining division must be the Minor group.

Candidates for the degree of Bachelor of Arts, which is the only baccalaureate degree now offered by Adelphi College, must satisfy the requirements of three such groups, each of which obviously must belong to a different division.

The semestral study is made the unit of computation. Each semestral study, unless otherwise provided, will have three weekly recitations and will be entitled to a credit of three points. Unless otherwise provided, a semestral study having less than three weekly recitations will be entitled to a credit of as many points as it has weekly recitations. All students in regular standing must take studies entitling them to 15 points of credit in each semester.

The three divisions in which the different departments of instruction now represented in the Faculty are grouped are described as follows:

1. The Division of History and Philosophy, comprising the departments of Economics, Education, History, Philosophy, Politics, Psychology and Sociology.

2. The Division of Languages and Literatures, comprising the departments of Elocution, English, Ger-

man, Greek, Latin and Romance Languages (French, Italian, Spanish).

3. The Division of Mathematics and Sciences, comprising the departments of Astronomy, Biology, Chemistry, Geology, Mathematics, Mineralogy, Music, Physics.

Each candidate for the Bachelor's degree must complete before graduation the equivalent of 120 points. Of these, at least 54 must be chosen from the studies in a division chosen as Major, at least 24 points from the studies in another division chosen as Intermediate, and at least 12 points from the studies in the remaining division, which will be the Minor. Credit for 30 points must also be obtained for studies chosen as free options from among any of the divisions. In meeting these requirements no student in the Junior College will be allowed to take in one semester in one division studies amounting to more than 9 points of credit. Also, *in satisfying the requirements of the various divisions no student may offer more than 24 points from one department in any Major division.*

Students who have in compliance with these regulations obtained a total credit of 60 points, who have removed all entrance conditions and have met the requirements of the Faculty concerning credits in the departments of Elocution and Physical Education are eligible to receive the Junior College certificate and to be admitted to the Senior College, and those who have in like manner obtained a credit of 120 points are candidates for the degree of Bachelor of Arts.

The point values of the necessary sequences in the various divisions may be summarized as follows:

DIVISION OF HISTORY AND PHILOSOPHY

1. *As a Major Group.* In the department of History, 18 points; in the department of Economics, 6

points; and in the department of Sociology, 6 points. In the department of Psychology, 6 points; in the department of Philosophy, 6 points. In any departments of the Division, 12 points. Total, 54 points.

2. *As an Intermediate Group.* In the department of History, 6 points (History 1 and 2); in Economics, 6 points. In the department of Psychology, 6 points, and in either the department of Philosophy or the department of Sociology, 6 points. Total, 24 points.

3. *As a Minor Group.* In the department of History, 6 points (History 1 and 2); in any other departments of the division except Education, 6 points. Total, 12 points.

DIVISION OF LANGUAGES AND LITERATURES

1. *As a Major Group.* In one department of the division, 24 points; in a second department, 18 points; in a third department, 12 points. The department of English must be one of the departments chosen and 6 points in English must be in English Composition, Courses 1 and 2. Total, 54 points.

2. *As an Intermediate Group.* In the department of English, 12 points (including courses 1 and 2); in a second department of the Division, 12 points. Total, 24 points.

3. *As a Minor Group.* In the department of English (Courses 1 and 2), 6 points; in a second department of the Division, 6 points. Total, 12 points.

DIVISION OF MATHEMATICS AND SCIENCES.

1. *As a Major Group.* In the department of Mathematics, 12 points; in the departments of the Sciences, 12 points; optional, 30 points. Total, 54 points.

2. *As an Intermediate Group.* In the department of Mathematics, 6 points; in the departments of the Sci-

ences, 12 points; in any departments of the Division, 6 points. Total, 24 points.

3. *As a Minor Group.* In the departments of the Sciences, 6 points; additional Science or Mathematics, 6 points. Total, 12 points.

GENERAL REGULATIONS REGARDING COURSES

Students will not ordinarily be permitted to take more studies in one semester than would entitle them to receive credit for 15 points. If a student's record in the immediately preceding semester shows the grade of "A" in at least 9 points, and the grade "B" in all other points, and if the health of the student warrants it, the total of 15 points may, with the approval of the Dean, be exceeded. Students will not be permitted to take studies in any one semester which carry a total of more than 18 points.

Students whose class work in any subject is of unsatisfactory quality are not admitted to examination but are required to repeat the course, or to make up the deficiency in a way prescribed by the instructor and before a date not later than the next examination period in the study involved. In the case of deficiencies of such a nature as to entitle a student to a "Condition Examination", an opportunity for such examination is afforded during the period of Entrance Examinations in September and also at the next regular examination in the subject involved. But members of the Senior Class who have incurred such conditions in studies of the first semester of the Senior year may have the privilege of examination during the semestral examination period at the end of the year in which they are candidates for a degree. All other examinations for the removal of conditions are styled "Special Examinations"; such examinations can be taken only by vote of the Faculty and upon the payment of a fee of five dollars.

Two hours a week in the department of Physical Education throughout the four semesters of the Junior College are required of all students in that College. Candidates for graduation must also attend the various courses of lectures that have been or may be authorized, even though such courses receive no value in points.

The course of study may be completed either in January or in June, but the conferring of degrees will usually occur at the June Commencement. All courses in Adelphi College are open to students without any restrictions concerning sex.

From the beginning the College has maintained such courses in pedagogy as were required for either State or City licenses for teaching. In the "Description of Studies" in the Division of History and Philosophy, and under the departments of Education and Psychology, will be found an outline of the studies required from college students in order to obtain any of these licenses. Students who, as a part of their work for a degree, have satisfactorily completed the prescribed pedagogical studies are admitted to the New York City examinations for licenses to teach in the public schools of any grade, and are also eligible to receive the College Graduate Professional Certificate, issued by the State Education Department at Albany, valid for three years and renewable for life.

Requirements for the Degree of Master of Arts

A candidate for the degree of Master of Arts must be a graduate of Adelphi College or of some approved degree-granting institution.

On or before the last Wednesday in September the applicant must submit to the Secretary of the Faculty an official record of previous studies, which record, in the case of an applicant not graduated from Adelphi College, shall be approved by the Faculty before the applicant is admitted to courses for the degree of Master of Arts.

The ordinary requirement for the degree of Master of Arts consists of a full year of residence-study approved by the Faculty as affording suitable preparation for the degree, and completed with high credit.

The applicant shall submit on or before the last Wednesday of September, to the Secretary of the Faculty, for approval by the Faculty, a program of the studies which the applicant wishes to take. The program of study must form a consistent plan of work, but need not lie wholly in one department or field. It must not include studies or courses which (or the equivalent of which) have formed part of the candidate's undergraduate work and have been counted toward the degree of Bachelor of Arts or Bachelor of Science. The program should ordinarily consist of four courses of instruction of advanced grade pursued for two semesters each or of the equivalent of four such courses, and of special work in each course carried on with the approval of the department concerned, and under the direction of the instructor.

The special work in one of these courses must be embodied in a thesis satisfactory to a Committee of the Faculty, which thesis shall be submitted not later than May 1st to the Secretary of the Faculty for approval by the Faculty.

In addition to the regular course-examinations, which must be passed with the grade A or B, all candidates for the degree are required to pass a final written and a final oral examination upon the general field of their work. The examinations will be conducted by the division in which candidates have taken the major part of their work.

Description of Studies Leading to Degrees

In numbering the courses odd numbers are assigned to all studies in the first semester of each year and even numbers to all studies in the second semester. Courses that are offered primarily as Junior College studies are numbered between 1 and 100. Courses offered primarily as Senior College studies are numbered from 101 upward. Elementary courses in the languages are designated by capital letters, as A, B, C, D.

Figures within parentheses at the end of each paragraph show the semestral point value of the course.

I. Division of History and Philosophy

Department of Economics

Professor FRADENBURGH.

Courses 101 and 102 are required of all students in the first year of the Senior College, except that they may be optional for those who make the division of History and Philosophy their minor group.

101. OUTLINES OF ECONOMICS.

A general introduction to the study of economics with the design to familiarize the student with the fundamental principles of the subject. In addition to the work in the text books collateral reading is required, especially upon the past and present industrial life in England and the United States. Recitations, discussions, lectures. (3.)

102. ECONOMIC PROBLEMS.

Special attention is devoted to the subject of taxation and municipal economics. Open to students who have taken Course 101. (3.)

103. ECONOMIC HISTORY.

A study of the evolution of industrial life with special reference to England and the United States. (3.)

104. THE ECONOMICS OF DISTRIBUTION.

A study of the more recent theories of distribution and their application to practical economics. Open to graduates and especially qualified undergraduates. (3.)

Department of Education

Professor HARVEY, Professor HENDERSON, Assistant Professor HANNAHS, Miss ROETHGEN.

Students who wish to be admitted to examination for teachers' licenses in New York City should take Courses 101, 102, 107 and 108. Those who wish licenses to teach in elementary schools should take, in addition, Courses 103 and 104. All who wish the College Graduate Professional Certificate issued by the Regents of the State of New York should take Courses 101, 102, 107, 108 and either 103 and 104 or 106. The work may be taken either in the same year or in successive years. The latter plan is recommended, and it is suggested that Courses 101 and 102 be first taken. Only thus can Courses 103

and 104, important for elementary teachers, be taken. As a prerequisite to admission to any of the above-mentioned courses in education the student must have completed Courses 1 and 2, or 3 and 4 in the Department of Psychology, or an equivalent.

Students who intend to enter the examinations for City licenses are advised to take also Course 101 in the Department of Philosophy.

101. EDUCATIONAL PSYCHOLOGY.

See Psychology 101. (3.)

102. GENERAL METHODS OF TEACHING.

Critical study of the general principles underlying teaching. The course involves observation and criticism of class instruction. Assistant Professor HANNAHS. (3.)

103 and 104. CURRICULUM AND METHODS OF TEACHING
IN THE ELEMENTARY SCHOOL.

Lectures and conferences, with observation and criticism of class-room work. Assistant Professor HANNAHS. (6.)

106. SPECIAL METHODS.

The departments of LATIN, ENGLISH, GERMAN, FRENCH, HISTORY, MATHEMATICS, PHYSICAL EDUCATION and BIOLOGY offer courses in the Curricula and Methods of Teaching each of these Subjects in the Secondary School. (1.)

107. HISTORY OF EDUCATION.

Greek and Roman education. The leading movements in the history of culture from the appearance of Christianity to the twentieth century and their effects on the schools. Assistant Professor HANNAHS. (3.)

108. PRINCIPLES OF EDUCATION.

The part education has played in evolution. Its function, both in individual development and social life. Evolution

of educational agencies. Lectures, conferences and reports. Assistant Professor HANNAHS. (3.)

110. PRIMARY EDUCATIONAL PRINCIPLES.

Discussions, readings and essays. The purpose of the course is to show Froebel's conception of education through a study of his works and the practical application of his theory to education in the kindergarten. Second year Normal class, second semester, two hours weekly. Assistant Professor HANNAHS. (2.)

112. FROEBELIAN THEORY AND METHODS.

Study of the gifts, games, occupation, stories and nature work, with reference to their adaption to child-nature and its development. Second year Normal, second semester, three hours a week. Professor HARVEY and Miss ROETHGEN. Open to students who have credit for Courses 19 and 20. (3.)

114, 115, 116. FROEBEL'S PHILOSOPHY in "The Mother Play."

First year Normal, second semester, once a week; second year Normal, once a week throughout the year. Professor HARVEY and Miss ROETHGEN. For the whole course. (3.)

117, 118. MODERN HISTORY AND HISTORY OF EDUCATION.

This course is designed for Normal students and involves a study of the chief and cultural movements of Modern History, and of the influence that these movements have exerted upon education. Three hours a week. Assistant Professor HANNAHS. (6.)

120. CURRENT PROBLEMS IN THE ELEMENTARY SCHOOL.

A study of present day issues in regard to the curriculum and method of teaching in the elementary school. Individual studies, investigations and reports. (3.)

122. DEVELOPMENT OF EDUCATION IN THE NINETEENTH CENTURY.

Sketch of the rise of national systems of education. Modern educational theory from the time of Herbart. Present day problems in education, especially in the United States. Lectures, reports, discussions and one extended essay. (3.)

123. METHODS OF TEACHING AND SCHOOL MANAGEMENT.

(A) *Methods*. Critical study of the general principles underlying teaching. Special treatment of the various subjects of the elementary school curriculum. (B) *School Management*. Such topics as the following are included: Seating, School Hygiene, Grading and Promotion, Discipline and Government, Incentives and Devices, Play and Games, Programs, Seat Work and Busy Work, How to Study, Examinations, Tests and Reviews, School Spirit, School and Community, Teacher Improvement, School Room Decoration, etc. Lectures, discussions and reports. 60 hours. (4.)

125. KINDERGARTEN PRINCIPLES AND METHODS.

Designed for primary teachers who desire to become acquainted with kindergarten methods, either in order to help them in primary work, or in order to qualify for a kindergarten license. Miss HARVEY. (3.)

126. PRIMARY METHODS.

A course designed chiefly for teachers who hold a kindergarten license and who desire to fit themselves to teach the first primary grade. Miss ROETHGEN. (3.)

The following courses are prescribed only for students in the Normal School for Kindergartners:

13 and 14. ORAL AND WRITTEN ENGLISH.

Study of Rhetoric with themes. First year Normal, once a week throughout the year. Miss DELANO.

15. NATURE METHODS.

Adaptation of nature work and plans for using the same in the daily program. Second year Normal, first semester, once a week. Miss ROETHGEN.

16. PRIMARY METHODS.

Lesson plans, discussions and readings on the methods of teaching, reading, language, phonics, writing and primitive life, in the lower grades. Second year Normal, second semester, one hour weekly. Miss ROETHGEN.

19, 20. GIFTS AND OCCUPATIONS.

Practical application, lectures, essays and discussions. Study of the educational value of Gifts and Occupations and their place in Froebel's system. First year Normal, six hours a week; second year Normal, three hours a week. Professor HARVEY and Miss ROETHGEN.

21, 22. GAMES AND STORIES.

Practice in telling and writing kindergarten stories. Classification of the same for practical purposes; as, fairy tales, historic stories, nature stories. Practical playing of kindergarten games. Educational value of traditional and other games as systematized by Froebel. First year Normal, first semester, once a week; second semester, twice a week. Second year Normal, twice a week. Professor HARVEY.

Department of History and Politics

Professor FRADENBURGH, Dr. ROSELLI.

1. MEDIEVAL HISTORY.

The origin and development of feudal society and institutions; the political history of central and southern Europe to the fifteenth century. Required of all students in the first year. (3.)

2. HISTORY OF THE RENAISSANCE.

A study of the social, religious and political issues of the Renaissance, the fifteenth and sixteenth centuries. Required of all students in the first year. (3.)

3. ENGLISH HISTORY.

English history to the execution of Charles I, with especial reference to the Tudor period and the Puritan Revolution. (3.)

4. ENGLISH HISTORY.

The political and social development of England since the Puritan Revolution. (3.)

101. FRENCH HISTORY.

The ancient Régime and the French Revolution. (3.)

102. HISTORY OF THE NINETEENTH CENTURY.

Topical studies in modern history. The age of the settlement of parliamentary government and racial consolidation. (3.)

103. AMERICAN HISTORY.

A topical study of American history from the Colonial period to the "Era of Good Feeling." (Omitted in 1911-1912.) (3.)

104. AMERICAN HISTORY.

The history of the United States from the "Era of Good Feeling" through Reconstruction. (Omitted in 1911-1912.) (3.)

105. BIBLICAL HISTORY AND LITERATURE.

This course will include a history of the Bible, both of the Old and of the New Testament; manuscript copies; the most important versions; the English Bible; an outline of Jewish history to the Exile, with frequent reference to Jewish institutions, religious, political and economic. (Omitted in 1911-1912.) (3.)

106. STUDIES IN THE LIFE OF CHRIST AND IN THE ORGANIZATION OF THE CHRISTIAN CHURCH.

An outline of Jewish history from the Exile to the birth of Jesus Christ. The growth of the Messianic idea. Palestine in the time of Christ. Selected studies in the Gospels. The formation of the Christian Church. (Omitted in 1911-1912.) (3.)

107 and 108. SEMINAR IN HISTORY.

Open to especially qualified Seniors and graduates. Bibliography, reports, historical criticism and discussions. Two hours a week throughout the year. For the year. (3.)

113. AMERICAN HISTORY AND GOVERNMENT.

A topical study of American history, with special reference to the needs of those who desire to become departmental teachers, or who wish to meet requirements for a higher license. This will be offered as a 60-hour course if a sufficient number of students so desire. (3 or 4.)

114. AMERICAN HISTORY.

The Civil War and Reconstruction. This course is open only to those who have completed a college course of not less than sixty hours in American History. (3.)

115. ANCIENT HISTORY.

The history of the Græco-Roman civilization to the age of the Cæsars. (3.)

116. ANCIENT HISTORY.

The Græco-Roman civilization under the Roman Empire. (3.)

117. POLITICAL SCIENCE.

A study of the origin, nature, form and functions of the State. (3.)

118. COMPARATIVE POLITICS.

A study of the development of the present constitutions of the great nations of the world and a comparison of the same. (3.)

119. HISTORY OF ART.

An outline of the history of the architecture and sculpture of the Egyptians, Chaldeans, Assyrians, Persians, Jews and Phoenicians. The development of Greek Art from the Aegean civilization to the Hellenistic period. A review of the most important monuments of Roman, Early Christian, Byzantine and Gothic art, and a study of the artistic activities of Europe from the beginning of the Roman Empire to the dawn of the Renaissance. Open to students who have credit for History 1 and 2. (3.)

120. HISTORY OF ART.

Study of Renaissance architecture, sculpture and painting. Development of modern art in the Netherlands, Germany, France, Spain, England and America. Study of ancient art in Asia. The Japanese renaissance. Open to students who have credit for History 111. (3.)

121. HISTORY OF ROMAN ART.

The origin of Roman art, Etruscan art, Italic and Hellenistic influences upon Roman art. The historical evolution of Roman architecture and sculpture. Study of the buildings of Rome from the standpoint of Art, History and Archæology. Roman Art in Europe, Asia and Africa. The excavations of Pompeii and Herculaneum. Græco-Roman minor arts. Open to students who have credit for History 111. (3.)

122. HISTORY OF RENAISSANCE ART.

The Renaissance in architecture, sculpture and painting, studied in relation to the philosophical, social and literary movement of that period. This study includes a criticism of all the most important paintings by Italian, Flemish and German artists of the thirteenth, fourteenth, fifteenth and sixteenth centuries. Open to students who have credit for History 112. (3.)

Department of Philosophy

Professor HENDERSON.

101. LOGIC.

The elements of formal logic, deductive and inductive, with a consideration of theories of the nature and validity of judgment. (3.)

102. ETHICS.

The psychology of the moral life. Types of ethical theory. Evolution of the moral conceptions. Modern ethical problems. (3.)

103. HISTORY OF PHILOSOPHY.

General survey of ancient philosophy and of modern philosophy up to the time of Kant. An introductory course designed to present the typical systems and to trace their relation to practical life. (3.)

104. MODERN PHILOSOPHY.

The leading phases of philosophic thought since the time of Kant. Idealism; Realism; Pessimism; Positivism; Agnosticism; the Philosophy of Evolution; Humanism and Pragmatism. (3.)

105 and 106. HISTORY OF PHILOSOPHY AND ETHICS.

A course covering in somewhat briefer survey the ground of courses 102, 103 and 104. Designed for teachers and given three hours a week throughout the year. (6.)

Department of Psychology

Professor HENDERSON, Assistant Professor HANNAHS.

1 and 2. PSYCHOLOGY.

Elementary analysis of consciousness with attention to its functions and to its relation to the nervous system. Applications of psychology to phases of practical life. Professor HENDERSON. (6.)

3 and 4. ELEMENTARY PSYCHOLOGY.

Introduction to the study of psychology. First year Normal, two hours a week. Assistant Professor HANNAHS. (4.)

5 and 6. PSYCHOLOGY OF THE CHILD.

The study of the physical and mental growth of children with especial reference to its relation to the work of the kindergarten and the primary school. Second year Normal, three hours a week. Professor HENDERSON. (6.)

101. EDUCATIONAL PSYCHOLOGY.

The development of mental functions during infancy and childhood. Critical study of educational practices from the points of view of analytical and experimental psychology. (The same course as Education 101.) Assistant Professor HANNAHS. (3.)

Department of Sociology

Professor MACLEAN.

2. PRACTICAL SOCIOLOGY.

A study of population and social organization, with suggestions for constructive work, designed particularly to meet the needs of kindergartners. Normal course. (3.)

101. INTRODUCTION TO SOCIOLOGY.

This course is designed to afford a synthetic view of social phenomena, and to furnish the student with a scientific method for the study of ordinary human association and fundamental social problems. (3.)

102. SOCIAL ELEMENTS.

The purpose of this course is to show the connection between the different elements that make up society, and to study particularly the family, industrial society, and the constructive forces at work. (3.)

103. MODERN PHILANTHROPY.

A study of the nature and origin of the dependent and defective classes; principles and methods of relief; organization and management of State institutions. (3.)

104. CRIMINAL SOCIOLOGY.

A study of the causes, nature and treatment of crime, the principles of criminal anthropology, criminal jurisprudence and penology. (3.)

105. ADVANCED SOCIOLOGY.

A critical study of sociological theory. Open to graduates and especially qualified undergraduates. First semester. (3.)

107 and 108. SEMINAR.

Open to graduates and especially qualified undergraduates. Two hours a week throughout the year. (4.)

110. MODERN CITIES.

A study of the development of cities, with special reference to American municipalities, their physical conditions, public services, political, industrial and social groupings. (3.)

111. RURAL COMMUNITIES.

A study of rural social life in America, the problem of isolation, and organization for improvement. (3.)

II. Division of Languages and Literatures

Attention is called to the fact that no credit towards the degree of B. A. will be given for any elementary language course except upon the satisfactory completion of two years' work in the language, or an equivalent. By this ruling college credit for elementary French, German, Greek, Latin, Italian or Spanish may be obtained only by completing courses A, B, C, D.

Department of the English Language and Literature

Professor GREENLAW, Assistant Professor SWEENEY,
Miss DELANO.

1. RHETORIC AND COMPOSITION.

Description and Exposition: a course in theme writing, with frequent conferences. Required of all students in the first year of the Junior College. Assistant Professor SWEENEY and Miss DELANO. (3.)

2. ENGLISH PROSE.

A critical study of prose selections, and of the structure of the short story. Weekly and fortnightly themes. Required of all students in the first year of the Junior College. Assistant Professor SWEENEY and Miss DELANO. (3.)

3. THE HISTORY OF ENGLISH LITERATURE IN OUTLINE.

The course is designed as a preparation for more detailed work in other courses. A brief manual is used, together with selections illustrating the historical development of English literature. Conferences and reports. Professor GREENLAW and Miss DELANO. (3.)

4. THE ELIZABETHAN DRAMA.

Marlowe, Shakspeare, Jonson, with some account of the development of the drama in the sixteenth century. Supplementary reading and reports. Professor GREENLAW and Miss DELANO. (3.)

5 and 6. ENGLISH COMPOSITION.

Theme-work, required from all students in the first year of the Normal Course. One hour a week, each semester.
Miss DELANO. (2.)

102. ENGLISH COMPOSITION: ADVANCED COURSE.

Designed for students who have passed in English 1 and 2, with a mark higher than C. Professor GREENLAW.
(Omitted 1911-1912.) (3.)

103. NON-DRAMATIC LITERATURE OF THE ELIZABETHAN PERIOD.

Spenser and his contemporaries; the influence of Italy, France and Germany. Professor GREENLAW. (3.)
(Offered in 1910-1911 and in alternate years.)

104. MILTON.

Professor GREENLAW. (3.)

106. AMERICAN LITERATURE.

From the beginning to the present time. Open to all students in either College who have had Courses 1-3, or their equivalent. (Omitted 1911-1912.) (3.)

107. CLASSICISM.

The sources of English Classicism, both foreign and native; Dryden and Pope and their imitators; Swift, Addison, Johnson. (Omitted 1911-1912.) (3.)

108. ROMANTICISM.

From the beginning of the movement to 1830, with special stress upon English poetry from Wordsworth to Keats. Assistant Professor SWEENEY. (3.)
(Offered in 1911-1912 and in alternate years.)

109. VICTORIAN PROSE.

The Essay from Carlyle to Stevenson; Eliot, Thackeray, Dickens and their contemporaries. Assistant Professor SWEENEY. (3.)

110. VICTORIAN POETRY.

Tennyson, Browning, Arnold, Rossetti, Swinburne,
Morris. (3.)

(Omitted 1911-1912).

111. ANGLO-SAXON.

An elementary course, using Bright's *Anglo-Saxon Reader* as a basis. The object is to give a reading knowledge of the language and some appreciation of the literature. Professor GREENLAW. (3.)

112. BEOWULF.

A continuation of English 111. Professor GREENLAW. (3)

(Courses 111 and 112 are offered in 1911-1912 and in alternate years.)

113. CHAUCER.

An introduction to Middle English. A considerable portion of the *Canterbury Tales* will be read, and, if time permit, some selections from Chaucer's other works. Professor GREENLAW. (3.)

114. MIDDLE ENGLISH.

Supplementary to Course 113. The history of English literature, 1200-1557, with selections from ballads, romances, the drama and other literature. Professor GREENLAW. (3.)

(Courses 113 and 114 are given in 1910-11 and in alternate years.)

115. THE ENGLISH NOVEL.

The history of prose fiction is traced rapidly from the sixteenth to the mid-eighteenth century, but the main stress of the course is upon the development of the novel from Richardson to the present time. Professor GREENLAW. (3.)

116. THE THEORY AND HISTORY OF CRITICISM.

An examination of critical theory, as presented by Plato, Aristotle, Sidney, Ben Jonson, Dryden, Pope, Boileau, Addison; the more important nineteenth century critics in England and in France. Assistant Professor SWEENEY. (3.)
(Offered in 1910-1911 and in alternate years.)

117. SHAKSPERE: ADVANCED COURSE.

Two or three plays will be studied critically, with special topics of investigation. Open to those only who have passed with credit in English 4, or an equivalent. Professor GREENLAW. (Omitted 1911-1912.) (3.)

Department of Oral English

Professor MACFARLANE.

1 and 2. ELOCUTION AS APPLIED TO THOUGHT READING.

Speech art and its relation to personality. Interpretative reading and analysis. The interpretation of dramatic plays, ancient and modern. The imaginative quality in expression. One hour a week, one semester, Freshman and Sophomore classes.

Department of Germanic Languages and Literatures

Professor COAR, Dr. TOMBO.

GERMAN A. ELEMENTARY COURSE.

This course is intended for students who have not presented German for admission and have no previous knowledge of the language. Elements of grammar, reading, writing. First semester. (3.)

GERMAN B. ELEMENTARY COURSE (Continued).

Review of the elements of grammar; dictation based on the reading; frequent short themes in German. A large amount of easy German prose will be read. Open to students who have credit for Course A, or who have studied the language for one year in an accredited preparatory school. German A and B will remove an entrance condition in Elementary German. Second semester. (3.)

GERMAN C. INTERMEDIATE COURSE.

Rapid review of the elements of grammar; syntax; dictation, short themes based on the reading; prose writers of the nineteenth century. Open to students who have credit for German A and B, or who present Elementary German for admission. First semester. (3.)

GERMAN D. INTERMEDIATE COURSE (Continued.)

Special problems of grammar; syntax; dictation, short themes based on the reading. Lessing, *Minna von Barnhelm*; Schiller, *Wilhelm Tell*; Goethe, *Hermann und Dorothea*. Collateral reading from selected work on German history. Open to students who have credit for Course C, or, under certain conditions, to students who enter at mid-year and have credit for Elementary German on admission. German C and D will remove an entrance condition in Intermediate German, or will count toward the degree for all students who do not offer Intermediate German on admission. Second semester. (3.)

1. INTRODUCTION TO GERMAN LITERATURE.

German Short-Story of the nineteenth century. Rapid reading, dictation, short themes, conferences. Collateral reading. Open to students who have credit for German D or who present Intermediate German on admission. (3.)

2. INTRODUCTION TO GERMAN LITERATURE.

German Drama of the nineteenth century; rapid reading, dictation, short themes, conferences. Collateral reading. Open to students under the same conditions as German 1. (3.)

3. GOETHE.

A study of the life and works of Goethe previous to his friendship with Schiller; *Egmont*, *Iphigenie*, *Torquato Tasso*. Monthly themes in German and English, and a semestral essay in English. A considerable amount of collateral reading will be required. Students will be provided with a syllabus of the course at the beginning of the semester. Open to students who have credit for German 2. (3.)

4. SCHILLER.

A study of the life and works of Schiller, with some reference to Goethe; *Maria Stuart*, *Die Jungfrau von Orleans*, *Wallenstein*. Monthly themes in German and English, and a semestral essay in English. A considerable amount of collateral reading will be required. Students will be provided with a syllabus of the course at the beginning of the semester. Open to students who have credit for German 1 and 2, or German 3. (3.)

101. LESSING.

A study of the critical and dramatic works of Lessing, with some reference to Herder, Goethe, Schiller and to German, French and English literature and esthetic criticism of the seventeenth and eighteenth centuries. Monthly reports and semestral essay. The course is open primarily to students who have credit for German 3 and 4. The course will alternate with German 107. (3.)
(To be omitted in 1911-1912.)

103. GERMAN LITERATURE IN THE FIRST HALF OF THE NINETEENTH CENTURY.

Romanticism and the romantic ideals of art and life. A considerable amount of collateral reading will be required. Monthly themes in English and German, and a semestral essay in English. Students will be provided with a syllabus of the course at the beginning of the semester. Primarily for students who have credit for German 3 and 4. (3.)

104. GERMAN LITERATURE IN THE SECOND HALF OF THE NINETEENTH CENTURY.

Realism, naturalism, mysticism. A considerable amount of collateral reading will be required. Monthly themes in English and German, and a semestral essay in English. Students will be provided with a syllabus of the course at the beginning of the semester. Open to students under the same conditions as German 103, or to students who have credit for German 103. (3.)

106. GOETHE'S FAUST.

A critical study of the drama and of Goethe's philosophy of life. Open only to students who have credit for German 3 and 4 or 101. This course will alternate with German 116. (To be omitted in 1911-1912.) (3.)

107. THE GERMAN NOVEL.

The history of the novel is traced in outline from its early beginnings, but the main stress of the course is upon the development of German prose fiction in the nineteenth century. Open to students who have credits for three of the following courses: German 3, 4, 101, 103, 104. The course will alternate with German 101. (3.)

(To be omitted 1911-1912.)

108. THE GERMAN DRAMA.

The history of dramatic literature in German will be traced in outline from its early beginnings, but the main stress of the course is upon the development of German drama since Lessing. Open to students under the same conditions as German 107. The course will alternate with German 106. (3.)

(To be omitted in 1911-1912.)

111. DER DEUTSCHE AUFSATZ.

A study in good style and practice in writing German essays. The course will be conducted in German. Open only to students who have credit for three of the following courses: German 2, 3, 4, 101, 103, 104, 107. (1.)

112. DER DEUTSCHE AUFSATZ (continuation of German 111).

Open to students on the same conditions. German 111 and 112 are a requirement for honors in German. (1.)

(German 111 and 112 may each be taken in two successive years.)

113. HISTORY OF THE GERMANIC LANGUAGES.

Phonology. Consonants and vowels. The relation of modern German to modern English. This course is intended for students who purpose to teach German. Open only to students who have credit for six of the following courses: German 1, 2, 3, 4, 101, 103, 104. (1.)

114. HISTORY OF THE GERMAN GRAMMAR.

Etymology. Prefixes and suffixes. Declensions and conjugations. Special problems in grammar and syntax. Open only to students who have credit for German 113. (1.)

115. MIDDLE HIGH GERMAN. *Introductory Course.*

Study of the dialect in its relation to modern High German and English. Lectures in German on the development of German Literature down to the twelfth century. Rapid reading of selections from masterpieces. Collateral reading, reports and a thesis. Open only to graduate students and properly qualified undergraduates. (3.)

(To be omitted in 1911-1912.)

116. MIDDLE HIGH GERMAN LITERATURE.

Study of the masterpieces of epic and lyric poetry in the twelfth and thirteenth centuries. Lectures in German. Collateral reading, reports and a thesis. Each student is required to make a special study of one of the great epics or of one of the lyric poets. Open only to students who have credit for German 115. (3.)

(To be omitted in 1911-1912.)

Department of the Greek Language and Literature

Professor O'CONNOR.

1. GREEK PHILOSOPHY.

Plato, The Apology and Crito, with selections from the Phædo, Phædrus, Gorgias, Republic. Study of style and philosophic content. (3.)

2. HOMER.

Selections from the later books of the *Iliad*, or of the *Odyssey*; discussion of the authorship of the poems; explanations of Homeric forms and syntax. (3.)

3. THE GREEK DRAMA.

Its rise and development; one tragedy of Euripides,
The Clouds of Aristophanes. (3.)

4. One tragedy of Sophocles and one of Aeschylus,
with a summary of other tragedies, and a study of the
career of these poets. (3.)

101. Herodotus: History of the Persian Wars; The
Persians of Aeschylus. (3.)

102. Thucydides: The Sicilian Expedition, with selec-
tions from the other books. (3.)

103. Demosthenes: Oration on the Crown; Aeschines,
Against Ctesiphon; selection from the other orators. (3.)

104. GREEK LYRIC POETRY.

Odes of Pindar and Bacchylides; selection from Theo-
critus and Hesiod. (3.)

106. A study of Greek life as revealed in the monuments
and remains of Greece, Sicily and Crete; illustrated lantern
slides. (3.)

107 and 108. GREEK COMPOSITION. (1.)

109 and 110. A review of the principles of Greek gram-
mar. One hour a week during the year. Both semesters
together. (1.)

115. ANCIENT HISTORY.

The history of the Græco-Roman civilization to the age
of the Cæsars. (3.)

116. ANCIENT HISTORY.

The Græco-Roman civilization under the Roman Em-
pire. (3.)

117. GREEK DRAMA IN ENGLISH. (3)

NOTE.—Classes will be formed in Elementary Greek
when sufficient numbers apply.

Department of the Latin Language and Literature

Professor SANFORD.

1. Cicero: De Senectute and De Amicitia; Latin composition based on the Amicitia. (3.)
2. Horace: Selected odes and epodes; lectures on the Augustan Age. (3.)
3. The Captivi of Plautus, the Andria of Terence, and one other play of either Plautus or Terence. (3.)
4. Catullus: Selected odes; Selections from the Elegiac Poets, Propertius, Tibullus. (3.)
101. The Agricola and the Germania of Tacitus; selected letters of Pliny. (3.)
102. Selected satires of Juvenal; the Dialogue of Tacitus. (3.)
103. Martial: Selected epigrams; selections from various prose writers of the Empire: Seneca, Quintilian, Petronius and others. (3.)
104. The Annals of Tacitus, Selections from Books I-VI. Selections from various prose writers and poets of the Empire: Suetonius, Lucan and others; or Selections from Lucretius, De Rerum Natura, Books I, III, V. (3.)
- 105 and 106. Elementary Latin composition. (1.)
107. Advanced Latin composition. (2.)
108. Livy: Selections from Books I, XXI, XXII. (2.)
- 109 and 110. Review of the principles of Latin grammar. One hour a week during the year. Both semesters together. (1.)

NOTE.—Classes in Elementary Latin will be formed when sufficient numbers apply.

Department of Romance Languages and Literatures

Assistant Professor MALOUBIER, Dr. ROSELLI, Miss CUEVAS.

1. FRENCH.

A. ELEMENTARY COURSE:

Open to students who did not offer French at entrance. Thorough study of French grammar and syntax, dictations, translation from English into French, reading of easy modern prose, conversation. (3.)

Books: Downer: *A First Book in French*; François: *Easy Standard French*.

B. ELEMENTARY COURSE (Continuation of A.):

Pre-requisite: French A or its equivalent.

Books: Downer: *A First Book in French*; Cameron: *Elements of French Composition*; Lesage: *Gil Blas*; Labiche: *La Poudre aux Yeux*. (3.)

C. CONVERSATION, READING, COMPOSITION.

Pre-requisite: Elementary French at entrance or French A and B or equivalents. Review of Grammar, conversation, reports on books read. (3.)

Books: Fontaine: *Livre de Lecture et de Conversation*; Cameron: *Elements of French Composition*; De la Brète: *Mon oncle et mon curé*; Dumas: *Les trois Mousquetaires*.

D. CONVERSATION, READING, COMPOSITION (Continuation of C).

Pre-requisite: Elementary French at entrance (or French A and B) and French C or equivalents. (3.)

Books: Fontaine: *Livre de Lecture et de Conversation*; Cameron: *Elements of French Composition*; About: *Le Roi des Montagnes*; Daudet: *Contes Choisis*; Labiche: *Le Voyage de M. Perrichon*.

1. INTRODUCTION TO FRENCH LITERATURE.

Pre-requisite, intermediate French at entrance or French C and D or equivalents. Grammar review, conversation and reports in French on books read, lectures, collateral reading. (3.)

Books: Fontaine: *Livre de Lecture et de Conversation*; Molière: *Le Bourgeois Gentilhomme*, *L'Avare*; Racine: *Athalie*; Hugo: *Notre Dame de Paris*.

2. INTRODUCTION TO FRENCH LITERATURE (Continuation of 1).

Pre-requisite: Intermediate French at entrance, or French C and D and French I or equivalents. (3.)

Books: Weill: *Historical French Reader*; Taine: *L'Ancien Regime*; *Choix de Contes des Romanciers Naturalistes*.

3. PROSE AND POETRY IN THE SEVENTEENTH CENTURY.

Non-dramatic Literature of the classic period, essays and reports in French, outside reading. (3.)

Books: La Bruyère: *Les Caractères*; Mme. de Sévigné: *Lettres Choiesies*; Bossuet: *Choix de Sermons et d'Oraisons*; *Extraits des Moralistes du XVIIe. Siècle* Descartes, Pascal, La Rochefoucauld; La Fontaine: *Fables Choiesies*.

4. CLASSIC DRAMA:

A study of the three great dramatists of the Seventeenth Century, conceptions of life and theories of art in the age of Louis XIV, conferences, collateral reading, essays and reports in French. (3.)

Books: Molière: *Les Précieuses Ridicules*, *Tartuffe*, *Le Misanthrope*; Corneille: *le Cid*, *Cinna*; Racine: *Andromaque*, *Phèdre*, *Iphigénie*.

101. FRENCH LITERATURE IN THE EIGHTEENTH CENTURY.

Lesage, *Turcaret*; Piron, *La Métromanie*; Marivaux, *Le Jeu de l'Amour et du Hasard*; Sedaine, *Le Philosophe sans*

le savoir; Beaumarchais, *Le Barbier de Séville*; Voltaire, *Contes choisis*, *Vaire*, *Mérope*; Rousseau, *Brunel's Extraits*. The collateral reading will mostly be concerned with Voltaire and Rousseau; conferences; in connection with this work essays and reports will be required. (3.)

(To be omitted in 1911-1912.)

102. FRENCH LYRIC POETRY.

A topic study of lyric poetry in France, beginning with Charles d'Orleans and continuing down to the present day. The development of the *genre* will be carefully traced, but the bulk of the course will be devoted to the poets of the nineteenth century. Outside reading; conferences; essays and reports. (3.)

(To be omitted in 1911-1912.)

103. EARLY NINETEENTH CENTURY LITERATURE.

The Romantic movement in France. Chateaubriand, *Atala*; Hugo, *Hernani*, *Ruy Blas*; Delavigne, *Louis XI*; Balzac, *Eugénie Grandet*; de Musset, *Fantasio*, *on ne badine pas avec l'amour*, *Il faut qu'une porte soit ouverte ou fermée*; Ponsard, *Charlotte Corday*; conferences; collateral reading, essays and reports. (3.)

104. LATER NINETEENTH CENTURY LITERATURE.

Literary tendencies of the past fifty years. Flaubert, *Salamambo*; Zola, *Selections*; France, *Crime de Sylvestre Bonnard*; Renan, *Souvenirs d'Enfance et de Jeunesse*; Rostand, *Cyrano de Bergerac*; conferences collateral reading, essays and reports. (3.)

105. EARLY FRENCH LITERATURE.

(This course is open to students who have completed the regular college course.)

Outlines of the development of French prose and poetry to the Renaissance, reading of extracts from the chronicles and the poets of the middle ages.

Books: *Les Chroniqueurs Français*, *Anthologie du Moyen Age*.

(To be omitted in 1911-1912.)

106. LA REFORME ET LA RENAISSANCE.

Attention will be given to the tracing of the influences of the Reformation and Renaissance upon literary and social conditions.

Books: *Anthologie du XV^e Siècle*; Montaigne: *Extracts*; Rabelais: *Extracts*; outside reading, *Faguet's Seizieme Siècle*; Ste. Beuve: *Tableau de la Poésie Française au XVI^e Siècle*.

(To be omitted in 1911-1912.)

107 and 108. HISTORICAL GRAMMAR.

In connection with a reading of the *Chanson de Roland*, *Aucassin et Nicolette*, and, if time permit, another selected text, a study will be made of elementary historical French phonology and morphology. Admission to this course is restricted to advanced students, who have had a minimum of three years of College French, or who can otherwise satisfy the instructor of their fitness profitably to pursue the course. Both semesters, once a week; credit for the year. (3.)

2. ITALIAN.

A. ELEMENTARY COURSE.

Costa's Italian lessons; elementary exercises; translations and dictations; reading of easy modern prose. *Bowen's* Italian reader, elementary conversation. (3.)

B. ELEMENTARY COURSE.

Thorough review of grammar; elementary exercises in writing Italian, conversation. (3.)

Books: *Costa's* Italian lessons, *Bowen's* Italian reader; E de Amicis: *Cuore*; Goldoni: *La Locandiera*.

C. AND D. INTERMEDIATE COURSE.

Pre-requisite: Elementary Italian at entrance or Italian A and B or equivalents. Review of grammar. Conversation. Practise in Italian prose composition. Martini: *Prose Italiane moderne*; E. de Amicis: *Sull' Oceano*; *Vita Militare*. For each semester. (3.)

SPANISH.

A. ELEMENTARY SPANISH.

Study of Spanish grammar, elementary exercises in dictation and translation, reading of easy modern prose. (3)

Books: Wagner: *Spanish grammar, Elementary Spanish reader*. Fontaine: *Cuentos Españoles*. Valera: *El Pájaro Verde*.

B. ELEMENTARY SPANISH.

Exercises in writing Spanish; conversation. (3.)

Books: Wagner: *Spanish Grammar; Elementary Spanish reader*. Fontaine: *Cuentos Españoles, El capitán Veneno*; Humphrey: *Spanish Composition*.

C. AND D. INTERMEDIATE COURSE.

Pre-requisite: Elementary Spanish at entrance, or Spanish A and B, or equivalents. Review of grammar. Conversation. Practice in Spanish prose composition. Reading of selections from modern Spanish writers. For each semester. (3.)

III. Division of Sciences and Mathematics

Department of Astronomy

Professor PECKHAM.

101. THE EARTH AS A PLANET.

The study of the earth in its astronomical relations and in its physical conditions, its forms, size and weight, its motions, weather and climate, with practice in meteorological observations and weather forecasting from study of the Weather Map. (3.)

102. THE SOLAR AND STELLAR SYSTEMS.

The study of the moon and planets, the sun and stars, comets, meteors and nebulae. Descriptive astronomy and astronomical theories. (3.)

Department of Biology

Professor GAINES, Professor PETTIT.

1 and 2. ZOOLOGY AND BOTANY FOR KINDERGARTNERS.

Material especially adapted to nature work with children. First year Normal. College option also. Five hours each week. Each semester. (3.)

3 and 4. GENERAL BIOLOGY.

(a) First semester. A study of animal and plant forms for the purpose of learning fundamental biological facts and principles. Life processes of organisms. The interdependence of plants and animals.

(b) Second semester. The adjustment of organisms to environment; the life cycle; the processes of evolution. Classification of life forms. (3.)

5 and 6. BOTANY.

(a) First semester. Study of the structure of plants, the types selected to show the evolution of the plant kingdom. The general classification of plants.

(b) Second semester. Plant Physiology. Five hours each week. Each semester. (3.)

7 and 8. ZOOLOGY.

(a) First semester. Study of representatives of the invertebrate groups. Their anatomy, life histories, habits and distribution.

(b) Second semester. Study of the vertebrate groups after the same method. Five hours each week. Each Semester. (3.)

103 or 104. VERTEBRATE EMBRYOLOGY.

Lectures and laboratory work on the embryology of amphioxus, the frog and the chick. Five hours each week. (3.)

105 or 106. THE HISTORY OF BIOLOGY.

Its epochs and leaders. Theoretical Biology: Natural selection, variations; Mendelism: Man's place in nature. (3.)

107. SANITATION AND HYGIENE.

Personal hygiene: Household and Public Sanitation and Hygiene. Three hours each week. (3.)

108. FOOD AND DIETETICS.

Composition and nutritive value of foods. Dietary standards. Food preservatives and adulterations. Legislation on foods. Three hours each week. (3.)

109 and 110. PHYSIOLOGY AND HYGIENE.

A course arranged especially for those who wish to understand physical education. Each Semester. (3.)

111 and 112. HUMAN ANATOMY.

Intended especially for students who wish to become teachers of physical education. Each Semester. (3.)

Department of Chemistry

Professor SHARE.

1 and 2. GENERAL CHEMISTRY.

(a) First semester. *Chemistry of the non-metals*: Physical and chemical change; laws of chemical combina-

tions; theory of solutions; thermo-chemistry; principles of chemical nomenclature; periodic law; families of non-metals; problems; laboratory manipulations. (b) Second semester. *Chemistry of the metals*: Distribution of metallic ores; general methods for the preparation of metallic compounds; methods of reduction; study of individual metals; uses of metals, and their compounds; alloys. Short introduction to organic chemistry. Three hours a week. Laboratory, two hours a week. Each semester. (3.)

3 and 4. QUALITATIVE ANALYSIS.

(a) First semester. Tests for the metals; tests for the acid radicals, study of schemes for the separation and recognition of the metals and acid radicals. (b) Second semester. Analyses of simple salts; analyses of solutions and mixtures of solids, commercial products, alloys, soils, etc. Three hours a week; laboratory, four hours a week. Each semester. (3.)

101 and 102. QUANTITATIVE ANALYSIS.

(a) First semester. Preliminary course on analysis of compounds of known composition; use of the balance; calibration of measuring instruments; general methods of volumetric and colorimetric analysis. (b) Second semester. General course on the analysis of ores and commercial products; analysis of gases; analysis of waters; assays of gold, silver and other ores; electrolytic methods of analysis. Three hours a week; laboratory, five hours a week. Each semester. (3.)

103 and 104. ORGANIC CHEMISTRY.

Methane derivatives; benzene derivatives; organic analysis; laboratory practice in the preparation of organic substances. Seven hours a week, lectures and laboratory. Each semester. (3.)

105 and 106. TECHNICAL OR APPLIED CHEMISTRY.

Processes for the manufacture of economical products; advanced methods of quantitative analysis; food analysis. Seven hours a week; lectures and laboratory. Each semester. (3.)

Department of Geology

Professor SHARE.

101. GEOLOGY.

General course; dynamic, structural and historical. (3.)

102. ECONOMIC GEOLOGY.

Distribution and utilization of ore deposits, building stone, etc. (3.)

Department of Mathematics

Professor BOWDEN.

MATHEMATICS C and D. A thorough review in elementary algebra and plane geometry, intended for those who have some knowledge of these subjects, but need preparation for examinations. Offered only in Summer Session. No college credit allowed for this course.

1. THEORY OF NUMBERS.

A course in the fundamental principles of arithmetic and algebra, with an outline of the logical principles chiefly used in mathematics, intended to supplement the high school work in algebra, and to give the student a firm foundation for his future study of mathematics. (3.)

2. SOLID GEOMETRY.

The usual demonstrative work, with numerical applications of the formulas derived. (3.)

3. MECHANICAL DRAWING.

Construction of problems in geometry, orthographic and isometric projections, plans, sections and elevations of machines and architectural parts, blue prints, lettering, freehand drawing. (2.)

4. ADVANCED MECHANICAL DRAWING.

More advanced work of a similar nature to that in the preceding course. (2.)

5. TRIGONOMETRY.

The trigonometric functions will be defined as ratios of lines. From these definitions will be derived geometrically and analytically the ordinary formulas. This work will be followed by the solution of plane triangles, with the use of logarithms and applications to the measurement of heights and distances. (3.)

8. ANALYTICAL GEOMETRY.

The equations of the straight line, circle, parabola, ellipse, hyperbola and a few of the simpler higher plane curves. (3.)

9. ALGEBRA.

The binomial theorem, permutations, combinations, chance, logarithms, determinants, theory of equations, solution of numerical equations. (3.)

10. ALGEBRA AND SPHERICAL TRIGONOMETRY.

(3.)

21. DESCRIPTIVE GEOMETRY.

Orthographic projection of points, lines and surfaces, the intersection of lines and surfaces, spherical projections, shades and shadows, linear perspective, isometric projections. (3.)

22. SURVEYING.

Recitations and lectures on the principles and practice of surveying, adjustment of instruments, practice surveys, levels and topographical work, computations based upon data thus derived. (3.)

101. DIFFERENTIAL CALCULUS.

Simple and successive differentiation of functions, expansion of functions in series, evaluation of indeterminate forms, curve tracing, maxima and minima. (3.)

102. INTEGRAL CALCULUS.

Derivation of formulas, calculation of lengths and areas of curves, areas and volumes of solids of revolution; solution of simple differential equations. (3.)

103. PROJECTIVE GEOMETRY.

Ranges, flat pencils, axial pencils, sheaves of lines and planes, perspective, duality, harmonic figures, projective figures and harmonic ratios. (3.)

104. ADVANCED PROJECTIVE GEOMETRY.

Projective forms in relation to the conic sections, Pascal's and Brianchon's Theorems, poles and polars, diameters, polar reciprocal figures. (2.)

106. THE TEACHING OF MATHEMATICS.

A study of the methods of the past and present, with an outline of the history of mathematics. Two hours to count as 1 point.

107. VECTOR ANALYSIS.

Addition, subtraction and multiplication of vectors, the differential and integral calculus of vectors, with applications to geometry and mechanics. (3.)

108. ANALYTICAL MECHANICS.

Laws of motion, composition and resolution of forces, friction, virtual velocities, machines, central forces, constrained motion, impact, work and energy, center of gravity, moment of inertia, rotary motion. (3.)

116. ADVANCED THEORY OF NUMBERS.

The theory of rational numbers, real numbers and complex numbers, with an introduction to symbolic logic. (3.)

117. ADVANCED ANALYTICAL GEOMETRY.

(3.)

120. ADVANCED CALCULUS.

(3.)

THE MATHEMATICAL CLUB. This is an organization of teachers and students, formed for the purpose of mutual help in mathematical investigation, and as an incentive to original work. The club meets once in three weeks.

Department of Physics

Professor PECKHAM.

1. GENERAL PHYSICS.

Properties of solids, liquids and gases and the study of sound and light. Lectures and laboratory work. Three hours a week, with two hours laboratory. (3.)

2. GENERAL PHYSICS.

Heat and electricity. Lectures and laboratory work. Three hours a week, with two hours laboratory. (3.)

103. MECHANICS AND HEAT.

Three hours a week, with four hours laboratory. (3.)

104. ELECTRICITY AND LIGHT.

Three hours a week, with four hours laboratory. (3.)

105. TECHNICAL ELECTRICITY.

Dynamos and motors, lighting and power. Three hours a week, with four hours laboratory. (3.)

106. MODERN THEORIES OF MATTER AND ELECTRICITY.

With applications to electrolysis and electrolytic conduction. Three hours a week, with four hours laboratory work. (3.)

Department of Mineralogy

Professor SHARE.

101 and 102. MINERALOGY.

(a) First semester. Crystallography and Blowpipe Analysis. Crystallography: Study of crystal models and natural crystals; use of the goniometer. Blowpipe Analysis: Use of the blowpipe, analysis of prepared mixtures. (b) Second semester. Descriptive and Determinative Mineralogy: Physical and chemical characteristics of the common minerals; determination of minerals by the aid of the blowpipe and physical and chemical tests. Three hours a week; laboratory, two hours a week. Each semester. (3.)

103. METALLURGY.

Treatment of ores by furnace, wet and electrolytic methods. (3.)

Department of Fine Arts

Professor WHITTAKER, Mr. THAYER, Miss KRAMLICH,
Miss MORSE.

101. THEORY OF MUSIC.

A course in harmony. (3.)

102. HISTORY OF MUSIC.

From the beginning of the Christian Era to the present time. (3.)

103. THEORY OF MUSIC.

Advanced Harmony and Counterpoint. (3.)

104. THE APPRECIATION AND INTERPRETATION OF
MUSIC.

The analysis of various forms of musical composition, with readings in the history of their evolution. (3.)

NOTE.—*The following courses are prescribed only for students in the Normal School.*

1, 2. CAST DRAWING AND FREEHAND PERSPECTIVE.

Study of light and shade, values and vanishing of lines and objects. Modeling in clay—type forms. Professor WHITTAKER.

3, 4. INSTRUMENTAL DRAWING.

Projection drawing, plane sections, developments and the constructing of working drawings. Mr. BERGSTRESSER.

5, 6. LINEAR PERSPECTIVE.

Application to interiors and landscapes. Professor WHITTAKER.

7, 8. PAINTING.

In all mediums, from still life and the living model. Professor WHITTAKER.

9, 10. SKETCHING.

Figure studies. Action, proportion and expression. Composition and design. Illustration. Professor WHITTAKER.

11, 12, 14. DRAWING AND COLOR WORK.

Freehand and blackboard drawing, water-color, perspective and design, sketching from nature and objects. Normal School. First year, twice a week; second year, once a week. Miss MORSE.

17, 18, 20. VOCAL MUSIC FOR TEACHERS.

Voice culture, sight-reading and transposing. Method in Kindergarten songs and marches. Expressive use of voice and piano. Normal School. First year, two hours a week; second year, one hour a week. Miss KRAMLICH.

Summer Session

The Summer Session of Adelphi College will begin Thursday, July 6, 1911, and will close Wednesday, August 16. Summer Session courses will consist of three and four point courses, one point meaning 15 hours.

All courses given in the Adelphi College Summer Session are approved by the State Department of Education and by the Board of Examiners of the New York City Department of Education.

Each student who satisfactorily completes the work of any course, including a final examination, may receive a certificate testifying to that fact. This certificate, if it covers the proper subject or subjects, will be accepted by the Department of Education of the City of New York as satisfying a part of the requirements for the license as principal of elementary schools, and for other higher licenses.

The tuition for each three-point course is \$15, and for each four-point course is \$20. All tuition is payable in advance at the Bursar's office in the College.

All persons who intend to take courses in the Summer Session are requested to send their applications to the Chairman of the Committee on Summer Session, if possible, before May 20, 1911. The schedule of classes will be arranged by June 1st, and will be sent to all who have registered.

A special circular concerning the Summer Session may be secured by addressing the Chairman of the Committee, Professor A. G. Fradenburgh.

Courses for Teachers

From its beginning Adelphi College has maintained classes that meet in the late afternoon, in the evening or on Saturday mornings, for the especial benefit of teachers and other mature and qualified persons who may wish to study toward a degree without surrendering their positions in the schools or in other occupations. In these courses all the work of the College curriculum that is necessary in order to obtain a degree may be obtained in regular College classes within a reasonable limit of time.

These courses for teachers will not only count toward a degree, but may also be of service in meeting the requirements for promotion and higher licenses.

Classes for teachers, whether during the usual academic year or in the Summer Session, are not what are often termed Extension Courses. They are conducted as regular College Classes with all requirements of attendance, recitation, examination and laboratory work that are imposed upon undergraduate students.

Persons who desire to enter any course, or courses, should register on or before Sept. 20, 1911, if possible. The schedule of classes will be ready about Sept. 27, and will be sent to all who have registered.

Teachers' Courses consist of 30, 45, 60 and 90-hour courses. All class exercises will be conducted in periods of fifty-five minutes each.

The following courses are offered for the College year 1911-1912. Other courses may be offered, provided a sufficient number of persons apply for them before Oct. 1, 1911.

Sessions of all classes in Teachers' Courses will begin during the first week in October.

I. Division of History and Philosophy

Department of Education: Educational Psychology 101 (3); Principles of Education 108 (4); Modern Educational Problems 120 (2).

Department of Economics: Economics 101 (3); Economics 102 (3).

Department of History: History of the French Revolution, 101 (3); Ancient History, 115 (3); Ancient History, 116 (3); History 111 (History of Art) (3).

Department of Philosophy: Philosophy 103 (3); Philosophy 104 (3).

Department of Sociology: Sociology 101 (3); Sociology 102 (3).

II. Division of Languages and Literatures

Department of English: English 3 (History of English Literature in Outline) (3), and English 4 (the Elizabethan Drama) (3).

Department of Germanic Languages: German A or B (3 each); German 1 (3); German 4 (3); German 103 (3); German 104 (3); German 113 (2); German 114 (2).

Department of Greek: Greek 1 (3); Greek 2 (3); Greek Drama in English (3).

Department of Latin: Latin 1 and 2 (6), or Latin 3 and 4.

Department of Romance Languages: *Department of French:* French A and B (6); French C and D (6); French 3 and 4 (6).

Department of Italian: Italian A and B (6); Italian 1 and 2 (6).

Department of Spanish: Spanish A and B (6); Spanish 1 (3); Spanish 2 (3).

III. Division of Mathematics and Sciences

Department of Astronomy: Astronomy 101 and 102 (6).

Department of Biology: Biology 109 and 110 (6).

Department of Mathematics: Mathematics 1 and 2 (6).

Equipment

Buildings.—The group of buildings now occupied by the College fills the entire end of the block between Lafayette Avenue and Clifton Place, upon St. James Place. The main entrance of Adelphi College is on Clifton Place. The central building is an assembly hall, 50 x 72 feet, with sittings for about a thousand persons.

During the noon hour, daily, or from 11.40 to 2.00 o'clock, a warm luncheon can be obtained in a restaurant within the buildings.

The College building is served by an electric elevator. The buildings are admirably ventilated by a system of fans driven by electricity.

Convenient access to the buildings is provided by the Lexington Avenue Elevated R. R. (DeKalb or Greene Avenue Stations), or by the Greene, DeKalb, Franklin, Vanderbilt Avenue and Fulton Street electric cars.

The Library.—The Library now contains about fifteen thousand volumes, exclusive of unbound pamphlets, and receives sixty current periodicals. Students also have access to the large collections of the Public Library, which maintains a branch in the vicinity, and to the Pratt Free Library, which is only one block distant from Adelphi.

The Laboratories.—On the third floor of the College Building are the mathematical and physical laboratories.

The mechanical drawing room is well lighted and contains a large collection of geometric models and machine types and an equipment for the study of surveying.

There are two laboratories for physics. The physics lecture-room is equipped with an electric projecting lantern and has seating capacity of one hundred.

The fourth floor is occupied by the departments of chemistry and biology. The department of chemistry possesses, besides a lecture-room and a weighing-room, a *Main Laboratory*, a *Quantitative Laboratory*, an *Assay Laboratory* and a *Blowpipe Laboratory* for the work in mineralogy and blowpipe analysis. The lecture-room has seats for eighty students, and is provided, like the physics lecture-room, with a specially constructed electric projecting lantern, with attachments for horizontal, vertical and side projection, and special apparatus for the projection of microscopic objects.

In the rooms of the department of chemistry are exhibited the Mineralogical Collection, containing about two thousand specimens and a set of models of crystals. There is also a Geological Collection, including the representative fossils of all formations and large collections of the different kinds of rocks.

The biological laboratories are three in number and are well provided with facilities for botanical and zoölogical study, including dissecting and compound microscopes, a herbarium, mounting apparatus and various reagents, and a large amount of illustrative material, including a fine collection of type-vertebrate skeletons.

The Gymnasium and Playing Field.—The department of physical education is in charge of a Director, who is a physician. The classes for women students are conducted by an assistant director who is a Normal graduate in physical training. The gymnasium contains, besides the dressing rooms and offices, three large rooms, which in floor space extend from one side of the block to

the other. The bathrooms include a new equipment of shower and needle baths. In the central gymnasium are found hand-ball courts and a basketball field.

A completely equipped athletic field, called "Adelphi Oval," is situated upon lands belonging to the institution near the Crescent Avenue Station of the Lexington Avenue Elevated Road and lying between Fulton Street and Ridgewood Avenues.

Honors and Prizes

Sarah Conselyea Baker Scholarship.—In 1902, Mrs. Charles R. Baker founded and endowed a free Scholarship in Adelphi College, in memory of her daughter, who was graduated from Adelphi Academy with the class of 1896.

The Long Island High School Scholarships

Five scholarships in Adelphi College of the value of \$180 each are offered annually to those members of graduating classes in public and private High Schools on Long Island who show the highest proficiency in competitive examination upon subjects that may be presented for admission to the College. These scholarships are awarded for one year, but they are renewable for three successive years if the incumbents attain from year to year a record in character and scholarship which is satisfactory to the Faculty. The college authorities will consider the school record of each candidate.

Candidates for these honors must be not less than sixteen years of age. They must present themselves for registration at the College, in the Dean's office, between

three and four-thirty on any afternoon of the week preceding the Adelphi Commencement except Saturday, or on Saturday morning between the hours of nine and twelve. Candidates must take the written examinations in the selected subjects, amounting to at least fifteen points in value, which are conducted at the College by the College Entrance Examination Board in June of each year, usually during the week following the Adelphi Commencement. A description of subjects accepted for admission may be found at pages 11-24.

Applications for admission to the examinations must be addressed to the "Secretary of the College Entrance Examination Board, P. O. Sub-Station 84, New York City, N. Y.," on or before May 31, and each application must be accompanied by the prescribed fee of five dollars. At the time of examination candidates for a free scholarship in Adelphi College must inscribe upon each paper that they hand in the words, "Adelphi College Competition." If a student wins a free scholarship who is in a position to value the honor of the scholarship rather than the financial concession which accompanies it, such a student may, while retaining the honor, transfer the financial concession to some member of his or her class, recommended by the Principal and actually in need of such pecuniary assistance.

The Gasoli Prize.—This prize, having a value of thirty-five dollars, is offered annually for the best English essay written by a student in Adelphi College. The subjects are announced in May of each year for the competition during the year following, and the results of the competition are announced at Commencement time.

Barlow Medals.—In December, 1897, Mr. George Barlow, of Brooklyn, gave to the College the sum of \$5,000,

to be known as the George Francis Barlow Fund, in honor of the donor's son, who was the valedictorian of the Adelphi Academy Class of 1878. Part of the proceeds of this Fund is devoted to the maintenance of the Barlow Medals, which may be awarded in June of each year to that student in each division of the Junior College who has attained the highest rank in scholarship in all studies during the first two years of the College course. The remainder of the annual income from this Fund is devoted to the purchase of books, pictures and apparatus.

Honors are awarded at Commencement to those students in the graduating class who have shown unusual excellence in the work of any department during the Senior College course.

Student Self-Government

Each undergraduate in Adelphi College is a member of a student self-government association. There are three such associations, one for college women, one for college men and one for students in the Normal courses. Each association has its own room and its own constitution and by-laws, which have received the approval of the Faculty. Its officers are elected by the members. It is the duty of the officers to enforce the rules of the association concerning attendance, deportment, the maintenance of the honor system and of a high standard of public opinion among the students. These associations manage the major part of the discipline of the institution. The honor system in recitation and examination has become fixed in the traditions of the College and is well sustained by

student sentiment. The educational value of these associations is of course no more important than their ethical value.

Student-Aid

Whenever practicable, self-help is encouraged by student employment. Students who need aid should communicate with the President before October 1st in each year of the College course. A student applying for aid for the first time is required to present evidence in writing that he is worthy to receive assistance and that such help is necessary to enable him to continue his collegiate studies. Assistance will be withdrawn from students who are irregular in attendance, or who fail to maintain a reputable scholarship.

Adelphi Normal School

Officers of Instruction and Government

CHARLES HERBERT LEVERMORE, *Ph.D.*, *President*

JOHN BARNARD WHITTAKER,
*Dean of the Art School and Professor of Painting and
Drawing*

ANNA E. HARVEY,
*Professor of Froebelian Theory and Methods. Dean of
the School for Kindergartners and Secretary of the
Faculty.*

ADELBERT GRANT FRADENBURGH, *Ph.D.*,
Professor of History

ELIZABETH VENABLE GAINES, *M.A.*,
Professor of Biology

ERNEST NORTON HENDERSON, *M.A.*, *Ph.D.*,
Professor of Education

ANNIE MARION MACLEAN, *Ph.D.*,
Professor of Sociology

E. HELEN HANNAHS, *B.A.*,
Assistant Professor of Education and Psychology

ISABEL DIX FISHER,
Director of Physical Training for Women

LOUISE M. HOSCHKE, *B.A.*,
Assistant in Physical Education

BRUNO ROSELLI, *Ph.D.*,
Instructor in the History of Art

ANNA GERTRUDE MORSE,
Instructor in Manual Training and Drawing

N. LOUIS ROETHGEN, *B.A.*,
Instructor in Methods

EMMA F. KRAMLICH,
Instructor in Vocal Music

MARY WOOD WHITTAKER,
Instructor in Drawing

The Normal School for Kindergartners and Art Teachers

The Adelphi Normal School for Kindergartners was organized in 1893. The first class was graduated in 1895. The Normal School for Art Teachers was formed in 1903. It was a natural outgrowth of relations between the Adelphi Art School on the one hand and the Normal School for Kindergartners on the other.

Both of these Normal Schools are conducted as a department of Adelphi College. For students who wish to obtain a Normal School diploma the requirements for admission to the school are the same as the requirements for admission to the College. Normal School classes are instructed by members of the College Faculty. Normal School classes and College classes are therefore identical in methods and privileges of instruction. Normal School students who wish to take a degree can transfer their registration to the College or can combine the professional education with the work for a college degree by adding at least one year to the usual allowance of time for an undergraduate course. To students who are already graduates of the Normal School for Kindergartners the College will allow a credit of forty points towards a baccalaureate degree; to graduates from the Normal Art course a credit of twenty-six points is allowed towards the same degree. All students in the Normal School have free use of the facilities of Adelphi College, of the library and reading room, the gymnasium and playing field.

Admission to the Normal School

Candidates for admission to this School who wish to become candidates for its diploma must either pass ex-

aminations upon the subjects required for admission or must present satisfactory certificates from a school that is approved by the Faculty. The requirements for admission to the Normal School either by examination or certification are identical with the requirements for admission to Adelphi College.

Candidates for admission to the training courses for Kindergartners must also satisfy the Dean of that school that they are competent to study kindergartening with a prospect of success. The Dean reserves the right to reject the application of any candidate who may possess all the scholastic requirements for admission but who does not give evidence of probable fitness for dealing with very young children.

Candidates for admission to the Normal School for Art Teachers must also be prepared to pass an examination in drawing under the direction of the Dean of the Art School.

A four years' course in a high school or its equivalent should afford a satisfactory preparation in all the studies required for admission. Graduation from such a preliminary course with an Academic Diploma or its equivalent, is necessary for all who hope subsequently to obtain positions as kindergartners in the New York City school system.

The *Examinations for Admission* are identical with those for admission to the College in *June and September*.

Applicants for admission who present the College Entrance Diploma issued by the New York State Education Department under the ordinance adopted by the Board of Regents, October 17, 1907, will be admitted to the Normal School without examination and without condition.

Requirements for Graduation from the Normal School

Students who perform all the required work in the Normal course, who possess personal fitness for teaching and who give satisfactory evidence of proficiency and ability, will receive from Adelphi College a diploma certifying to their attainment. The course of studies for this diploma extends through two years. This course has received the approval of the Department of Public Instruction in New York City and also of the New York State Education Department at Albany.

The extent of the course of study may be learned in the description of studies and in the following conspectus of studies for each division of the Normal School. It should be observed that students who are found to be deficient in oral or written English will be required to show satisfactory improvement in those subjects before they can receive the diploma.

Students who hold a Regents' diploma or its equivalent and the diploma of the Normal School for Kindergartners are eligible to enter the examinations for license to teach as Kindergartners in the New York City Public School System.

Students who hold the diploma of the Normal School for Art Teachers and who have had three years of experience in teaching Art are eligible to enter the examinations for licenses to teach art in the New York City Public School System.

Conspectus of Required Studies in the Normal School for Art Teachers

Roman numerals after title indicate the division in which the studies are grouped in the "Description of Studies"; Arabic numerals give number of course.

The department of Fine Arts, Div. III, includes all courses excepting those that are otherwise indicated.

First Year	Second Year
Cast Drawing and Clay Modeling, III, 1, 2; 4 half-day sessions.	Cast drawing III, 1, 2; 1 half-day session.
Free-hand Perspective, III, 5, 6.	Free-hand Perspective and Sketching, III, 9, 10, 5, and 6; 2 half-day sessions.
Sketching and Composition, III, 9, 10; 3 half-day sessions.	Composition, 2 half-day sessions.
Instrumental Drawing, III, 3, 4; 1 half-day session.	Water-color, III, 7, 8; 2 half-day sessions.
Elementary Manual Training, with Methods, 3 hours weekly.	History of Art, I, History, 111, 112; 3 hours weekly.
Psychology, I, Psych., 3, 4; 3 hours weekly.	Special Methods in Drawing, 3 hours weekly.
Modern History and History of Education, I, Educ., 117, 118; 3 hours weekly.	Educational Psychology and Methods of Education, I, Educ., 101, 102, 103, 104; 4 hours weekly.

Conspectus of Required Studies in the Normal School for Kindergartners

Roman numerals indicate the division in which the course is enumerated in the "Description of Studies"; Arabic numerals give the number of the course.

First Year	Second Year
CLASS-ROOM WORK IS SUBSTANTIALLY AS FOLLOW:	IN THE FIRST SEMESTER 270 HOURS ARE DEVOTED TO PRACTICE TEACHING. CLASS-ROOM WORK FOR EACH SEMESTER IS SUBSTANTIALLY AS FOLLOWS:
Modern History and History of Education, I, 117, 118; 3 hours weekly.	Psychology, I, 5, 6; 3 hours weekly.
English Theme-work, II, 5, 6; 1 hour weekly.	Sociology, I, 2, 2d Sem., 3 hours weekly.
Psychology, I, 3, 4; 2 hours weekly.	Music, III, 20, 1 hour weekly.
Zoölogy and Botany, III, 1, 2; 5 hours weekly.	Drawing, III, 14, 1 hour weekly.
Music, III, 17, 18; 1 hour weekly.	Froebelian Theory and Methods:
Drawing, III, 11, 12, 1 hour weekly.	Froebel's "Education of Man," I, 109, 2d Sem.
Kindergarten Principles with Practical application:	Froebel's "Autobiography and Pedagogics," I, 112, 2d Sem.
Gifts and Occupations. I, 19, 20; Games and Stories, I, 21, 22; Froebel's Mother Play, I, 114, Observation. 1st Sem., 8 hours weekly. 2d Sem., 9 hours weekly.	Froebel's "Mother Play," I, 115, 116.
Gymnasium, 2 hours weekly.	Program.
	Gifts and Occupations, I, 19, 20;
	Games and Stories, I, 21, 22;
	Nature Methods, I, 17, 18;
	Primary Methods, I, 16, 2d Sem., 1 hour weekly.
	Observation.

10 hours weekly.

The Art School

Organization and Equipment

The Adelphi Art School, as distinguished from the Normal School for Art Teachers, exists to provide instruction in drawing, painting and modeling for individual students who are competent to study and practice those arts. The Art School was first organized in September, 1872.

The School occupies the entire fifth floor of the College Building.

The antique room is a spacious studio, seventy feet square. It contains a fine collection of antique and modern casts, full and half-size statues, large and small torsos, busts, masks and reliefs. Three enormous skylights illuminate this room with a clear light.

There are two life-class rooms, equipped for models and also for exhibition purposes. Three other rooms are devoted to modeling, the making of casts, still life studies and offices. All the rooms are thoroughly equipped with electric lights and an electric elevator is at the service of the members of the school. In the building there are also manual training workrooms, and there is another art-studio in the Academy building, especially adapted to the needs of the Normal classes. All the Art School rooms are open daily from 9 A. M. to 4 P. M.

Admission

STUDENTS ARE ADMITTED TO THE ART SCHOOL AT ANY TIME during the College year. The calendar of the School is identical with that of the College.

Candidates for admission are required to give evidence of serious interest in the work. Students are permitted to continue in the School upon the same condition, and upon satisfactory conformity with the rules and requirements. THERE ARE NO RESTRICTIONS AS TO AGE.

Students must be registered in the Bursar's office as well as with the Dean.

Students in the Art School are admitted to all privileges of the College library and reading room. They may also, while students in the Art School, pursue one or more studies in either the Academy or the College, according to their maturity and proficiency, but for such studies they must pay the special student's tuition fee.

Instruction

All instruction in the Art School is individual. Students may choose, according to predilection or ability, between the antique, still life, portraits, figure, charcoal, pastel, oil and water-color, or they may include all these forms of art in their studies if time permits.

The Annual Exhibition is usually held on the last Friday and Saturday in May of each year. The drawings of the students are arranged in classes, and prizes are awarded as follows:

Best bust from the Antique.....	A silver medal
Best figure from the Antique.....	A gold medal
Best head from Life.....	A silver medal
Best figure from Life.....	A gold medal

In the class in painting a silver medal is awarded for the best draped figure from life, and a gold medal for the best nude figure from life. The student who is regarded

as showing the greatest improvement during the year receives a silver medal. The award of all prizes is made by a jury specially chosen for this purpose, which inspects the drawings and paintings upon exhibition. The prizes are presented to the winners during Commencement week. Those competitors whose work is regarded as next in excellence to that of the winner receive honorable mention.

In all classes in the Art School there is a monthly review of the work of the students and those subjects which deserve especial commendation receive a mark of honor.

The Sketch Club

This evening class, which was first organized in the winter of 1878, meets on Tuesday evenings from October to June. The hours of session are from 7.30 to 9.30. A costumed model poses. The object of the club is to study quick and illustrative drawing from the figure, and to develop ability to produce compositions from these sketches.

The College furnishes all accommodations for the Club and for this reason the membership fee can be made merely nominal, viz.: three dollars per annum.

The Sketch Club is always represented in the annual exhibition, and from time to time gives special exhibitions.

The Sketch Club has established a free scholarship in the Art School, the incumbent of which is chosen by competitive examination.

The present officers of the Sketch Club are: President, Vernon Dwelle; Vice-President, Mrs. Mary Wood Whittaker; Secretary, Miss Sadie O'Brien, 8715 18th Ave. and Bath Beach, Brooklyn; Treasurer, Frederick E. Maine.

Expenses

All tuition (except for the Summer Session) is payable semi-annually in advance at the Treasurer's Office, in the rooms of the Long Island Loan and Trust Company, at 44 Court Street, Brooklyn. The fees for the Summer Session are payable in advance at the Bursar's office in the College.

The fees for tuition in the various departments of the College are as follows:

In the Junior or Senior College, per semester	\$90.00
For students registered for single studies, per point, strictly in advance.....	6.00
For Teachers registered in afternoon, evening or Saturday courses, per point....	5.00
In the Normal departments, per semester..	50.00
In the Art department, per semester.....	25.00
In the Summer Session, for a 2 or 3-point course	15.00
Special examinations, each.....	5.00
Laboratory fee, per year, in Biology and Physics, each.....	5.00
Laboratory fee, per year, in Chemistry.....	10.00

There are no extra charges in the College Course except for materials used in the laboratories, and a fee of five dollars to cover the cost of the final diploma. If breakage or use in the laboratories exceeds the amount of the laboratory fee an additional charge will be made to cover the excess. In the Normal department there is no extra charge for kindergarten materials.

No deduction is made for absence. No student is received for less than one semester.

All candidates for the degree of Master of Arts are required to pay a tuition fee amounting to \$180, and, in addition, the usual diploma fee of five dollars.

Students in Teachers' Course classes who intend to become candidates for the Junior College Certificate are required to deposit with the Bursar, not later than June 1, a fee of three dollars.

The tuition-fee in the evening classes in æsthetic dancing offered to women by the department of Physical Education is not more than twelve dollars for a course of twenty lessons.

On the bills for tuition in the first semester an opportunity is given to each student to become a subscriber to the student publication, "The Lituus." The subscription is one dollar a year and is entirely voluntary. It is believed that every student should contribute to the maintenance of this representative of the student-body.

The College maintains a Book Room, where all text books and stationery may be purchased by the students.

The College provides accommodations for the outer wraps of the students and takes due precaution for the security of such articles, but it cannot be responsible for their safety.

The price of board and lodging in the neighborhood of Adelphi College is from \$6 a week upward. Table board can be obtained at prices ranging from \$4 a week upward.

Business communications may be addressed to The Bursar, Adelphi College, Brooklyn.

Gifts During the Year 1910

Mrs. Hayden W. Wheeler endowed with the sum of three thousand dollars, a scholarship which, in memory of her husband, is to bear the name of the Hayden W. Wheeler Memorial Scholarship.

The Beta Sigma Chapter of the Kappa Kappa Gamma Fraternity contributed the funds necessary to establish a free scholarship.

A bronze memorial tablet to Miss Freda M. Brunn was placed in the corridor leading to the hall by the Committee of the Freda M. Brunn Memorial Fund. The committee has also given the following photographs: Rembrandt's The Syndics; The Temple and Isle of Philae, A General View of the Pyramids, Mont Saint Michel Cloister, Raphael's Madonna Granduca.

Three additional pictures were placed in Room 11, in memory of Freda M. Brunn. Two from the Normal Kindergarten Class of 1910, and one from the "Liebe Deutsche Classe."

Miss Ilse V. Brunn, of the Normal Department, contributed twenty-five dollars towards the purchase of pictures.

An oak settle for use in the first floor corridor of the college building was presented by the graduating class of 1910.

Alumni Organizations

1. ADELPHI COLLEGE ALUMNAE ASSOCIATION:

President, Helen Edmunds Redding, '01; Vice-President, Mrs. Nathan Lane, Jr. (Emily Kelsey Lane), '00; Recording Secretary, Grace Delano, '07; Corresponding Secretary, Alice B. MacNary, '03; Treasurer, Martha Casamajor, '04.

2. ADELPHI COLLEGE ALUMNI ASSOCIATION:

President, Rudolph Seldner, '97; Vice-President, Mark S. Reardon, '05; Recording Secretary, John J. McDonald, '06; Corresponding Secretary, John H. Schaumloeffel, '08; Treasurer, Louis A. Chapple, '09; Executive Committee: John J. Winter, '08; William Lindlar, '09; William Elbert, Jr., '10.

3. ADELPHI NORMAL ALUMNAE ASSOCIATION:

President, Margaret Entwistle, '04; Vice-President, Fanny Boyd, '07; Recording Secretary, Neva Haight, '06; Corresponding Secretary, Anna Sullivan, '05; Treasurer, Grace Mills, '07.

Commencement, June 16, 1910

Bachelor of Arts—Eva Aleskowitz, Charlotte Brenner, Merton Albert Brown, Marguerite Hill Burnett, Mabel Carhart, Edward Cassin, Mary Cecilia Gertrude Clark, Bertha Cohen, Sara Frances Conway, Frances Marie Donaldson, Bernard Joseph Donovan, William Elbert, Jr., Helen Augusta Erhardt, Florence Mary Goddard, Regina Mary Gorman, Rudolph Henry Gorski, Marguerite Halsted, Katherine Anna Harding, Evelyn Rochester Hawes, Edna Martinette Herbst, Marion Roe Homan, Florence Isabelle Jones, Kate Laura Matteson, William David Max, Beatrice Cecile McDonald, Elizabeth Madeleine McKech-nie, Helen Marie McNamara, Grace Ethel Miller, Harold Mol-ter, Eugenie Marie O'Brien, Edith May Parvin, Hazel Isabel Pitfield, Maude Linda Pitts, Paul Radenhausen, Millicent Jar-man Rider, Laura Mandeville Romer, Nellie Shirley Russell, Florence Eva Saylor, Clara Emmet Schmidt, Eleanor Weir Smith, Isabel Mary Smith, Elizabeth Douglas Stebbins, Marie Louise Sturdevant, Caroline Matilda Sutphin, Catherine Frances Wagner, Johanna Caroline Wortmann.

Diplomas of the Normal School for Kindergartners were awarded as follows: Lois Baer, Edith Louise Betts, Ella Frances Biederman, Genevieve Mae Foster, Regina Follmer Geiger, Josephine Harvey, Ella Katherine Hudtwalker, Elsie Marie Kraemer, Elizabeth Perine Marshall, Maude Grace Mc-Cann, Winia Emilia Francisca Miller, Marie V. O'Donoghue, Namée Olivia Price, Ethel Hyatt Raymond, Cornelia Maria Rohland, Marion Adele Souville, Helen Peck Travis, Jeannette Wheldon, Carolyn Beatrice Woodcock.

The Junior College Certificates: Mabel Lewin Donaldson, Dora Winifred Harvey, Genevieve Barclay Kenmore, Rosa Kobelt, Ida Ward Lentilhon, Margaret Levermore, Fannie Near-ing, Newton David Nichols, William Henry Schliffer, Jr., Irene Frances Marie Shaughnessy, Marion Carson Sukeforth, Marion White, Jean Olwen Evans, Anna Hermine Fink, Helen Mar-guerite Handrich, George J. Kerling, Hazel Warwick Nelson, Rachel Ragozin, Julius Marcus Rosenthal, Grace Loretta Stur-devant, Ethel MacPherson Thackray, Edith Reynolds Whitney.

Senior Honors in Scholarship, Class of 1910:—

Honors for unusual excellence in work in any department during the Senior College course were awarded among members of the Graduating Class as follows:

In Astronomy: Catherine Frances Wagner; in Education: Bertha Cohen, Millicent Jarman Rider, Clara Emma Schmidt; in English: Helen Augusta Erhardt; in Geology: Mabel Carhart, Caroline Matilda Sutphin; in German: Frances Marie Donaldson, Clara Emma Schmidt, Johanna Caroline Wortmann; in Greek: Charlotte Brenner, Helen Marie McNamara, Nellie Shirley Russell, Marie Louise Sturdevant; in History: Mary Cecilia Gertrude Clark, Edna Martinette Herbst, Florence Isabelle Jones, Florence Eva Sayler; in Latin: Charlotte Brenner, Helen Marie McNamara, Nellie Shirley Russell; in Mathematics: Bertha Cohen, Catherine Frances Wagner; in Philosophy: Charlotte Brenner, Bertha Cohen, Rudolph Henry Gorski, Helen Marie McNamara, Nellie Shirley Russell, Clara Emma Schmidt.

The George Francis Barlow Medal signifying first honors in the Class of 1912 for the two years of the Junior College course were awarded:

1. In the Division of Languages and Literatures to Anna Hermine Fink.
2. In the Division of History and Philosophy to Grace Loretta Sturdevant.

The Brooklyn High School Scholarships in the Class of 1914 were awarded upon competitive examinations as follows:

1. Gertrude M. Raff of the Manual Training High School.
2. Elizabeth H. Leuteritz of the Girls' High School.
3. Miriam Wittenberg of the Eastern District High School.
4. Elizabeth Kinkell of the Erasmus Hall High School.
5. Elizabeth C. McDowell of the Girls' High School.

The Sarah Conselyea Baker Memorial Scholarship was awarded for the year 1910-1911 to Catherine Agnes McGinn of the Class of 1912.

The Hayden W. Wheeler Memorial Scholarship was awarded for the year 1910-1911 to Estelle Whitney Merrill of the Class of 1913.

The Kappa Kappa Gamma Scholarship was awarded for the year 1910-1911 to Grace Loretta Sturdevant of the Class of 1912.

Award of Prizes and Honors

At the annual exhibition and competition of the students of the Art School held Friday and Saturday, June 10 and 11, the judges of award were Hugh M. Eaton, Frederick E. Maine and George W. Bardwell.

Medals for excellence were awarded as follows:

FOR DRAWING FROM THE ANTIQUE.—Drawing of the Head: First Prize, Silver Medal, Joseph A. Aspinall, with honorable mention of Marion Edith Coles. Drawing of the Figure.—First Prize, Gold Medal, Mrs. Thomas Whitlock, with honorable mention of Elmer Ellsworth Southard.

FOR DRAWING FROM LIFE.—Drawing of the Head: First Prize, Silver Medal, Mrs. Alexandrina Harris, with honorable mention of E. Madeline Schiff. Drawing of the Nude Figure: First Prize, Gold Medal, Mrs. Alexandrina Harris, with honorable mention of E. Madeline Schiff.

FOR PAINTING FROM LIFE.—Painting of the Nude Figure: First Prize, Gold Medal, Edward James Muller, with honorable mention of Robert Connavale. Painting of the Draped Figure: First Prize, Silver Medal, Albert Schroeter, with honorable mention of Mrs. Alexandrina Harris.

FOR THE GREATEST IMPROVEMENT IN DRAWING DURING THE YEAR: Silver Medal, Rosamond Gray Ingalls.

Index

	PAGE
Admission, terms of.....	11-24
Advanced Standing	23, 24
Alumni Organizations	90
Calendar—1910-1912	3
Art School	85-87
Certificate, admission by.....	22, 23
Certificate, Junior College.....	26
Commencement, 1910	91-93
Degrees, Requirements for.....	25-32
Equipment	73-75
Examinations for admission.....	21, 22, 75
Expenses	88, 89
Faculty and other Officers of the College.....	6-9
Gifts	90
Honors	75-77, 92, 93
Normal School for Kindergartners.....	78-84
Normal School for Teachers of Art.....	79, 82, 83
Office Hours	10
Regulations Regarding Courses	28
Self-Government Among Students.....	77, 78
Studies, Description of.....	33-68
Summer Session	69
Teachers Courses	70-72
Teaching, Preparation for.....	29
Trustees, Board of.....	4, 5

ADELPHI COLLEGE

Divisions and Schools

1. Division of History and Philosophy
DEGREE B. A.
2. Division of Languages and Literatures
DEGREE B. A.
3. Division of Mathematics and Sciences
DEGREE B. A.
4. Normal School for Kindergartners and Art Teachers
5. Art School
6. Adelphi Academy

FOR CIRCULARS OF INFORMATION, ADDRESS

THE REGISTRAR

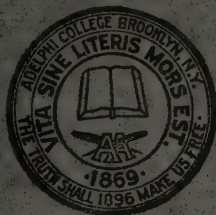
ADELPHI COLLEGE, BROOKLYN.

34
112

ADELPHI COLLEGE

CATALOG

1912



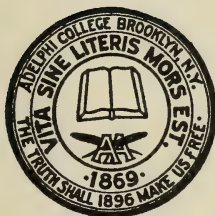
ADELPHI COLLEGE

CATALOG

ANNOUNCEMENT

Of Courses of Study in
all Departments

1912



LAFAYETTE AVENUE
ST. JAMES PLACE AND CLIFTON PLACE
BROOKLYN-NEW YORK

Published by the College
1912

Calendar, 1912—1913

1912

May 15, Wednesday, Last day for presenting theses in competition for prizes.

May 24, Friday, Second Semestral Examination Period begins.

May 30, Thursday, Memorial Day, a holiday.

June 3—5, Monday to Wednesday, Competitive Examinations for free scholarships.

June 9, Sunday, Baccalaureate Service.

June 13, Thursday, Commencement.

June 17—22, inclusive, Entrance Examinations by the Coll. Entr. Exam. Board.

July 8, Monday, Summer Session begins.

Aug. 16, Friday, Summer Session ends.

Sept. 18, Wednesday, First Semester 1912-13, begins.

Sept. 18—20, inclusive, Entrance Examinations.

Sept. 18—21, inclusive, Registration Days.

Sept. 23, Monday, Classes begin sessions.

Nov. 5, Tuesday, Election Day, a holiday.

Nov. 28—30, inclusive, Thanksgiving Day Recess.

Dec. 19, Thursday, Christmas Recess begins.

1913

Jan. 2, Thursday, Classes resume sessions.

Jan. 20—28, inclusive, First Semestral Examination.

Jan. 20—22, inclusive, Entrance Examinations for the second semester.

Jan. 29, Wednesday, Second Semester begins.

March 17—25, inclusive, Spring Recess.

March 26, Wednesday, Classes resume sessions.

Board of Trustees

Officers

JAMES H. POST.....	<i>President of the Board</i>
FREDERICK E. CRANE.....	<i>Vice-President</i>
CLINTON L. ROSSITER.....	<i>Treasurer</i>
HERBERT K. TWITCHELL.....	<i>Secretary</i>

Members

Names stand in order of seniority in membership.

CHARLES H. LEVERMORE.....	30 St. James Place
ANNIE G. TRUSLOW (MRS. F. C. TRUSLOW),	
	61 South Portland Avenue
AMELIA B. HOLLENBACK (MRS. J. W. HOLLENBACK),	
	460 Washington Avenue
TIMOTHY L. WOODRUFF.....	Hotel Bossert
CLINTON L. ROSSITER.....	48 Montgomery Place
MATTHEW HINMAN.....	480 Vanderbilt Avenue
FREDERICK E. CRANE.....	854 Prospect Place
REV. S. PARKES CADMAN, D.D.....	2 Spencer Place
HERBERT K. TWITCHELL.....	153 South Oxford Street
LLEWELLYN A. WRAY.....	1141 Dean Street
FRANK FREEMAN.....	213 Washington Avenue
HERMAN A. METZ.....	253 Clinton Avenue
JAMES H. POST.....	162 Ross Street
FREDERICK J. H. KRACKE.....	11 Kenmore Place
EDWARD T. HORWILL.....	1186 Dean Street
CHARLES G. BALMANNO.....	591 Fifth Street
GILBERT C. HALSTED.....	308 Washington Avenue
WILLIAM THORNTON.....	279 Ryerson Street
THOMAS L. LEEMING.....	858 Carroll Street

Standing Committees of the Board of Trustees

Executive Committee:

JAMES H. POST	HERBERT K. TWITCHELL
CLINTON L. ROSSITER	CHARLES H. LEVERMORE
TIMOTHY L. WOODRUFF	HERMAN A. METZ
FREDERICK E. CRANE	GILBERT C. HALSTED
S. PARKES CADMAN	EDWARD T. HORWILL

Finance Committee:

HERBERT K. TWITCHELL	EDWARD T. HORWILL
CLINTON L. ROSSITER	HERMAN A. METZ
CHARLES G. BALMANNO	

Committee on Instruction:

CHARLES H. LEVERMORE	ANNIE G. TRUSLOW
FREDERICK E. CRANE	LLEWELLYN A. WRAY

Committee on Buildings and Grounds:

GILBERT C. HALSTED	FRANK FREEMAN
AMELIA B. HOLLENBACK	LLEWELLYN A. WRAY
WILLIAM THORNTON	

Committee on the Art School:

THOMAS L. LEEMING	S. PARKES CADMAN
MATTHEW HINMAN	ANNIE G. TRUSLOW
CHARLES G. BALMANNO	

Officers of Instruction and Government

Executive Officers

CHARLES HERBERT LEVERMORE, Ph. D....	<i>President of the College</i>
WILLIAM CLARK PECKHAM, M. A.....	<i>Dean of Men</i>
MARGARET SWEENEY, Ph. D.....	<i>Dean of Women</i>
EDWIN A. GREENLAW, Ph. D.....	<i>Secretary of the Faculty</i>
JOHN BARNARD WHITTAKER.....	<i>Dean of the Art School</i>
ANNA E. HARVEY.....	<i>Dean of the Normal School</i>

Faculty

(NAMES OF THE FACULTY, EXCEPT THAT OF THE PRESIDENT, STAND
IN ORDER OF APPOINTMENT TO PROFESSORSHIPS OR
ASSISTANT-PROFESSORSHIPS.)

CHARLES HERBERT LEVERMORE.....	30 St. James Place <i>B. A. (Yale), Ph. D. (John Hopkins), President</i>
FREDERICK WEBSTER OSBORN.....	67 Cambridge Place <i>B. A., M. A. (Yale), Emeritus Professor of Psychology and Philosophy.</i>
WILLIAM CLARKE PECKHAM	406 Classon Avenue <i>B. A., M. A. (Amherst), Professor of Physics</i>
JOHN BARNARD WHITTAKER.....	496 McDonough Street <i>Professor of Art</i>
WILLIAM WALDEMAR SHARE.....	Crescent Club <i>Ph. B., Ph. D. (Columbia), Professor of Chemistry and Geology</i>
HENRY STOUT PETTIT.....	106 Gates Avenue <i>M. D. (L. I. Coll. Hospital), Director of the Gymnasium and Professor of Physical Education</i>
ELIZABETH VENABLE GAINES.....	296 Ryerson Street <i>B. A. (Adelphi), M. A. (Columbia), Professor of Biology</i>
JOHN A. SANFORD.....	226 St. James Place <i>B. A. (Brown), Ph. D. (Univ. of Minn.), Professor of the Latin Language and Literature</i>
JOSEPH BOWDEN.....	24 Clifton Place <i>B. A., Ph. D. (Yale), Professor of Mathematics</i>
ADELBERT GRANT FRADENBURGH.....	182 Midwood Street <i>B. A. (Allegh. Coll.), Ph. D. (Univ. Wis.), Professor of History and Politics</i>

OFFICERS OF INSTRUCTION AND GOVERNMENT 7

- ERNEST NORTON HENDERSON.....391 Lafayette Avenue
*B.A., M.A. (University of Cal.), Ph.D. (Columbia),
 Professor of Education and Philosophy*
- JOHN FIRMAN COAR.....466 Washington Avenue
*(Kaiser Wilhelm Gymn., Koeln), M.A., Ph.D. (Har-
 vard), Professor of the Germanic Languages and Liter-
 atures. (Absent on leave, 1911-12)*
- EDWIN A. GREENLAW.....111 Kenmore Place
*B.A., M.A. (Northwestern), M.A. Ph.D. (Harvard),
 Professor of the English Language and Literature*
- ANNA E. HARVEY.....472 Washington Avenue
Professor of Froebelian Theory and Methods
- WILLIAM PHELPS MACFARLANE.....147 Greene Avenue
Professor of Oratory and Elocution
- ANNIE MARION MACLEAN.....292 Ryerson Street
*B.A., M.A. (Acadia Coll.), Ph.M., Ph.D. (Chicago),
 Professor of Sociology. (Absent on leave, 1911-12)*
- JOHN BARTHOLOMEW O'CONNOR.....393 Lafayette Avenue
*B.A. (Rochester), Ph.D. (Princeton), Professor of the
 Greek Language and Literature*
- EUGENE MALOUBIER.....542 Dean Street
*Baccalaureat-ès-lettres, Licencié-ès-lettres (Univ. of Paris),
 Professor of Romance Languages and Literatures*
- MARGARET SWEENEY.....168 St. John's Place
*B.A. (Radcliffe), Ph.D. (Yale), Assistant Professor of
 the English Language and Literature*
- LOUISE BOTH-HENDRIKSEN.....226 Madison Street
Emeritus Assistant Professor of History
- E. HELEN HANNAHS.....292 Ryerson Street
*B.A. (Chicago), Assistant Professor of Education and
 Psychology*
- ISABEL DIX FISHER.....282 Washington Avenue
*(Grad. Boston Normal School of Gymnastics), Director
 of Physical Training for Women*
- CHARLES REINING.....289 Clermont Avenue
*B.A. (Stanford), M.A. (Harvard), Assistant Professor
 of the German Language and Literature*
- HELEN DONALDSON JENKINS.....135 Henry Street
*Ph.B., Ph.M. (Chicago), Ph.D. (Columbia), Assistant
 Professor of Sociology and History*

Instructors

- ROSALIA CUEVAS.....451 Washington Avenue
B. A. (Adelphi), Instructor in Romance Languages
- GRACE DELANO.....512 Lexington Avenue
B. A., M. A. (Adelphi), Instructor in English
- HELEN LORENA DEMAREST.....453 Washington Avenue
*(New York Normal School of Physical Education),
 Assistant in Physical Education*
- FRANCES PERKINS.....105 E. 22nd St., Manhattan
*B. A. (Mt. Holyoke), M. A. (Columbia), Instructor in
 Sociology*
- N. LOUISE ROETHGEN.....159 Willoughby Avenue
B. A. (Adelphi), Instructor in Methods
- BRUNO ROSELLI.....288 Ryerson Street
*Ph. D. (Urbino), Instructor in the History of Art and in
 Italian*
- WILLIAM ARMOUR THAYER.....80 St. James Place
Director of Music
- RUDOLPH TOMBO.....321 St. Nicholas Avenue
*(Gymn. zum Heiligen Kreuz, Dresden), Ph. D. (Rostock),
 Instructor in German*
-

Administrative Officers and Assistants

- CHARLOTTE MORRILL.....324 Adelphi Street
M. A. (Adelphi), Bursar
- JOHN G. EWING.....58 Clifton Place
Absent on leave
- MABEL FARR.....556 Lafayette Avenue
Librarian
- HENRIETTA M. FLEMING.....335 East 17th Street
Secretary and Registrar
- MARY STONE O'ROURKE.....66 St. James Place
Superintendent of Restaurant
- WILLIAM H. SMITH.....423 Atlantic Avenue
Superintendent of Buildings
- MRS. CORNELIA S. ROBINSON.....309 Lafayette Avenue
Superintendent of Book Room

Treasurer's Office

- JOHN J. HINCHMAN.....88 Rugby Road
Assistant Treasurer
- MAUD HARRISON.....270 St. James Place
Assistant

Standing Committees of the Faculty

The President is member *ex-officio* of all Standing Committees.

1. *Admissions and Advanced Standing*: THE DEANS AND THE SECRETARY.
2. *Instruction*: EACH DIVISIONAL GROUP OF INSTRUCTORS.
Chairmen of Divisions: *History and Philosophy*, PROFESSOR HENDERSON; *Languages and Literatures*, PROFESSOR COAR; *Sciences and Mathematics*, DEAN PECKHAM.
3. *Examinations*: PROFESSOR BOWDEN, DEAN PECKHAM, DEAN SWEENEY.
4. *Teachers' Courses and the Summer Session*: PROFESSORS FRADENBURGH, GREENLAW, HENDERSON.
5. *Petitions*: DEAN SWEENEY, DEAN PECKHAM, PROFESSORS GAINES and MALOUBIER.
6. *Commencement*: DEAN PECKHAM, PROFESSORS MACLEAN and SANFORD.
7. *Graduate Instruction*: PROFESSORS COAR, GREENLAW, O'CONNOR, SHARE.
8. *Athletics*: PROFESSORS PETTIT, DEAN SWEENEY, MISS FISHER.
9. *Schedule*: DEAN SWEENEY, DEAN PECKHAM, PROFESSORS BOWDEN and SHARE.
10. *Student Activities*: DEAN SWEENEY, PROFESSORS GREENLAW and MACFARLANE.

Office Hours

(Except on holidays and during vacations)

The Executive Offices are open daily from September 1st to July 1st.

The office hours of the President are from 9.15 to 10.30 A. M., daily, after the second week in September.

The office hours of the Dean of Women during session time are from 9 to 10 A. M. and 2 to 3 P. M., all days except Saturdays.

The office hours of the Dean of Men are on Tuesday, from 3 to 4 P. M., in Room 70.

The office hours of the Secretary of the Faculty are on Mondays, Wednesdays and Fridays, from 12 to 12.30, in Room 53.

The office hours of the Chairman of the Committee on Teachers' Courses and the Summer Session are from 3 to 4 P. M. on Tuesdays and Fridays and from 9 to 10 A. M. on Saturdays during May, June, September and October.

The office hours of the Superintendent of the Normal School are from 2 to 3 P. M. on Fridays.

The Bursar's office is open on session days from 8.30 A. M. to 4.30 P. M.

The Art School is open to visitors for inspection on Wednesday mornings.

THE COLLEGE

Adelphi College was incorporated by the Regents of the University of the State of New York, at Albany, Wednesday, June 24, 1896. The degrees issued by Adelphi bear the seals of both the University and the College, and are signed by the Chancellor of the Board of Regents and the State Commissioner of Education, as well as by the officers of the College.

ADMISSION TO THE FRESHMAN CLASS

Students are admitted either by examination or by certificate. Every candidate for a degree must offer subjects amounting to fifteen "points," of which some are prescribed and the rest elective. Each unit represents the work of one year, at the rate of five (5) periods a week, which will normally be required in the secondary school for adequate preparation.

Point-Values of Subjects Required for Admission

The relative value of each subject offered for admission is stated in UNITS as follows:

<i>English</i>	a)	Reading and Practice	(2)	}	3
	b)	Study and Practice	(1)		
<i>French</i>	a)	Elementary	(2)	}	3
	b)	Intermediate	(1)		
<i>German</i>	a)	Elementary	(2)	}	3
	b)	Intermediate	(1)		
<i>Greek</i>	a)	Grammar and Prose Comp.	(1)	}	3
	b)	Xenophon, Anabasis I-IV	(1)		
	ch)	Homer, Iliad, I-III and			
		Sight Reading	(1)		

<i>History</i>	a) Ancient	(1)	4
	b) Medieval and Modern	(1)	
	c) English	(1)	
	d) American and Civics	(1)	
<i>Latin</i>	a) Grammar and Prose Comp.	(1)	4
	b) Cæsar, Gall. War I-IV	(1)	
	c) Cicero, 7 Orations (Manilian as 2)	(1)	
	dq) Virgil, Aeneid I-VI and Sight Reading	(1)	
<i>Mathematics</i>	a) Elementary and Intermediate Algebra		3
	i) To Quadratics	(1)	
	ii) Quadratics and beyond	(1)	
	b) Pl. Geometry	(1)	1½
	c) Adv. Algebra	(½)	
	d) Solid Geometry	(½)	
<i>Sciences</i>	e) Pl. and Sph. Trig.	(½)	
	Chemistry	1	
	Physics	1	
<i>Spanish</i>	a) Elementary	(2)	
	b) Intermediate	(1)	

Applicants for admission to College by examination must be at least sixteen years of age, and must be able to pass satisfactory examinations in subjects amounting to at least fifteen (15) units. Of these three (3) must be in English, three (3) in Mathematics, one (1) in History, and either four (4) in Latin or three (3) in Greek, French or German. No applicant may offer more than two languages other than English in satisfaction of these requirements.

Definitions of Requirements for Admission

Adelphi College accepts the definitions of entrance requirements adopted by the College Entrance Examination Board.

1. ENGLISH.

The requirement in English is that recommended by the Conference on Uniform Entrance Requirements in English.

NOTE.—No candidate will be accepted in English whose work is notably defective, in point of spelling, punctuation, idiom, or division into paragraphs.

a. Reading. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—given in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. **In every case knowledge of the book will be regarded as less important than the ability to write good English.** In preparation for this part of the examination, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

Candidates should read the books prescribed for the year in which they propose to present themselves for this part of the examination. Ten books, selected as prescribed below from the following list, are to be offered for examination:

GROUP 1 (two to be selected). Shakspeare's *As You Like It*, *Henry V.*, *Julius Caesar*, *The Merchant of Venice*, *Twelfth Night*. In 1913 and after, this becomes Group 2 (two to be selected.) Shakspeare's *Midsummer Night's Dream* is then to be added to this list.

In 1913 and after, Group 1 will be as follows: *The Old Testament*, comprising at least the chief narrative episodes in *Genesis*, *Exodus*, *Joshua*, *Judges*, *Samuel*, *Kings* and *Daniel*, together with the books of *Ruth* and *Esther*. Homer's *Odyssey*, omitting, if desired, *Books, I, II, III, IV, V, XV, XVI, XVII*;

Homer's *Iliad*, omitting, if desired, *Books, XI, XIII, XIV, XV, XVII, XXI*; Virgil's *Aeneid*. *The Odyssey, Iliad and Aeneid* may be read in English translations of recognized literary excellence. For any unit of this group a unit from any other group may be substituted.

GROUP 2 (one to be selected). Bacon's *Essays*; Bunyan's *The Pilgrim's Progress, Part I*; Franklin's *Autobiography*; *The Sir Roger de Coverley Papers in the Spectator*. In 1913 and after, this becomes Group 4 (two to be selected). Bacon's *Essays* are omitted and the following are added: Irving's *Sketch Book*; Macaulay's *Essay on Lord Clive and Warren Hastings*; Thackeray's *English Humorists*; Lincoln's *Two Inaugurals, Speeches in Independence Hall and at Gettysburg, Last Public Address, Letter to Horace Greeley*, with brief memoir of Lincoln; Parkman's *Oregon Trail*; Thoreau's *Walden*, or Huxley's *Autobiography* and Selections from *Lay Sermons*, including addresses on "Improving Natural Knowledge," "A Liberal Education," and "A Piece of Chalk"; Stevenson's *Inland Voyage and Travels with a Donkey*.

GROUP 3 (one to be selected). Chaucer's *Prologue* (omitted in 1913); Goldsmith's *The Deserted Village* (transferred in 1913 to Group 5); Palgrave's *Golden Treasury (First Series)*, *Books II and III*, with especial attention to Dryden, Collins, Gray, Cowper and Burns (transferred in 1913 to Group 5); Pope's *The Rape of the Lock* (omitted in 1913); Selections from Spenser's *Faerie Queen* (omitted in 1913).

GROUP 4 (two to be selected). Blackmore's *Lorna Doone*; Dickens' *A Tale of Two Cities*; George Eliot's *Silas Marner*; Mrs. Gaskell's *Cranford*; Goldsmith's *The Vicar of Wakefield*; Hawthorne's *The House of Seven Gables*; Scott's *Ivanhoe* and *Quentin Durward*; Thackeray's *Henry Esmond*. In 1913 and after, this becomes Group 3 (two to be selected). Blackmore's *Lorna Doone* will be omitted and the following added: Defoe's *Robinson Crusoe, Part I*; Dickens' *David Copperfield*; Stevenson's *Treasure Island*.

GROUP 5 (two to be selected). (In 1913 and after, this whole group is to be omitted.) Carlyle's *Heroes and Hero Worship*, (in 1912 Carlyle's *Hero as Poet, Man of Letters, and as King*,

is to be substituted for this); De Quincey's *Joan of Arc* and *The English Mail Coach*; Emerson's *Essays* (Selected); Irving's *Sketch Book*; Lamb's *Essays of Elia*; Ruskin's *Sesame and Lilies*.

GROUP 6 (two to be selected). Coleridge's *The Ancient Mariner*, Scott's *The Lady of the Lake*, Byron's *Mazeppa* and *The Prisoner of Chillon*, Palgrave's *Golden Treasury* (*First Series*), *Book IV*, with especial attention to Wordsworth, Keats and Shelley; Macaulay's *Lays of Ancient Rome*, Poe's *Poems*, Lowell's *The Vision of Sir Launfal*, Arnold's *Sohrab and Rustum*, Longfellow's *The Courtship of Miles Standish*, Tennyson's *Gareth and Lynette*, *Launcelot and Elaine* and *The Passing of Arthur* (in 1912, *The Princess*, in place of the three Idylls); Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Evelyn Hope*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *The Boy and the Angel*, *One Word More*, *Hervé Riel*, *Pheidippides*. In 1913 and after, this becomes Group 5 (two to be selected). Byron's *Mazeppa* and Browning's *Evelyn Hope*, *The Boy and the Angel*, and *One Word More* will be omitted. The following will be added: The Goldsmith and Palgrave items from Group 3 above; Gray's *Elegy in a Country Churchyard*; Byron's *Childe Harold, Canto IV*; Whittier's *Snow Bound*; Browning's *My Last Duchess* and *Up at a Villa-Down in the City*.

b. *Study and Practice*. This part of the examination presupposes a more careful study of each of the works named below. The examination will be upon subject matter, form and structure. In addition, the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

Burke's *Speech on Conciliation with America*, or Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*; Macaulay's *Life of Johnson* or Carlyle's *Essay on Burns*; Milton's *Comus*, *Lycidas*, *L'Allegro*, *Il Penseroso*, Shakspeare's *Macbeth*.

In 1912 Tennyson's *Idylls of the King* may be used as an alternative to Milton's poems. In 1912 and after, *Lycidas* is to be omitted.

2. FRENCH.

a. Elementary Requirement (two years' course). The translation of ordinary modern prose at sight into idiomatic English. The candidate should have read a minimum of four hundred pages, which ought to include the work of at least three authors.

The requirement in grammar comprises: The use of the article and partitive; inflections of nouns, adjectives, participles and pronouns; the use of personal pronouns, common adverbs, prepositions and conjunctions; familiarity with the regular conjugations and all but the rare irregular verbs; the simpler uses of the conditional and the subjunctive.

The student's knowledge of grammar will be tested chiefly by the translation of English sentences into French, but may also be tested by direct questions based on the French passage set for translation.

b. Intermediate Requirement (three years' course). Translation of standard French at sight into idiomatic English. The candidate should have read, in addition to the amount specified under the *Elementary Requirement*, from four hundred to six hundred pages of modern prose and verse, which ought to include the work of at least four authors.

The requirement in grammar comprises a thorough knowledge of accident and the essentials of syntax; in particular the student should be familiar with the uses of tenses, modes, prepositions and conjunctions.

The student's knowledge of grammar will be tested chiefly by the translation of English sentences and of a piece of connected English prose into French, but may also be tested by direct questions based on the French passages set for translation.

It is recommended that the candidate be trained to take part in recitations conducted in French.

3. GERMAN.

a. Elementary Requirement. The rudiments of grammar, including irregular verbs, elementary rules of syntax and word order. Translation into German of easy variations upon sentences selected from the reading lesson. Drill in pronunciation and in taking German dictation.

Readings: 75 to 100 pages of graduated texts from a reader. Guerber's *Märchen und Erzählungen*, Vol. I; Gerstaecker's *Germelshausen*; Storm's *Immensee*; Heyse's *L'Ar-rabbiata*. Equivalents may be offered.

b. Intermediate Requirement. An accurate knowledge of the principles of grammar, embracing inflections and syntax. Sight translation. Ability to take dictation, to follow a recitation conducted in German and to write short themes based on the reading.

Readings: Lessing's *Minna von Barnhelm*, Schiller's *Wilhelm Tell*, one of Riehl's *Kulturhistorische Novellen*, Goethe's *Hermann und Dorothea*, Moser's *Der Bibliothekar*. Equivalents may be offered.

4. GREEK.

Grammar, a thorough knowledge of forms and syntax.

Xenophon, the *Anabasis*, Books I-IV.

Homer, the *Iliad*, Books I-III.

Prose composition based on the *Anabasis*.

Ability to translate at sight an ordinary passage of prose or poetry.

5. HISTORY.

(a) Ancient history, with special reference to Greek and Roman history, and including a short introductory study of the more ancient nations and the chief events of the early Middle Ages, down to the death of Charlemagne.

(b) Medieval and Modern European History, from the death of Charlemagne to the present time.

(c) English History.

(d) American History, including civics.

One unit for admission in History must mean the satisfactory completion of one year of historical study with not less than three class-exercises a week throughout the year.

6. LATIN.

1. READING REQUIRED.

1. The Latin reading required of candidates for admission to college, without regard to the prescription of particular authors and works, shall be not less *in amount* than Cæsar, Gallic War, I-IV; Cicero, the orations against Catiline, for the Manilian Law, and for Archias; Virgil; Aeneid, I-VI.

2. The amount of reading specified above shall be selected from the following authors and works: Cæsar (Gallic War and Civil War) and Nepos (Lives); Cicero (orations, letters and De Senectute) and Sallust (Catiline and Jugurthine War); Virgil (Bucolics, Georgics and Aeneid) and Ovid (Metamorphoses, Fasti and Tristia).

II. SUBJECTS AND SCOPE OF THE EXAMINATIONS.

1. *Translation at Sight.* Candidates will be examined in translation at sight of both prose and verse. The vocabulary, construction and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

2. *Prescribed Reading.* Candidates will be examined also upon the following prescribed reading: Cicero, orations for the Manilian Law and for Archias, and Virgil, Aeneid, I, II, and either IV or VI at the option of the candidate, with questions on subject matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

3. *Grammar and Composition.* The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose. The words, constructions and range of ideas called for in the examinations in composition will be such as are common in the reading of the year, or years, covered by the particular examination.

7. MATHEMATICS.

(a) Algebra:

(i) *To Quadratics*, including the four fundamental operations for rational algebraic expressions, factoring, highest common factor and lowest common multiple by factoring, fractions, complex fractions, ratio and proportion, linear equations, square root of numbers and of polynomials, radicals, exponents.

(ii) *Quadratics and Beyond*, including quadratic equations, the binominal theorem for positive integral exponents, arithmetical and geometric progressions and graphs.

(b) Plane Geometry, including the solution of original exercises, loci and applications to the mensuration of plane figures.

(c) Advanced Algebra, including permutations and combinations, complex numbers with graphical representation, determinants, numerical equations of higher degree and theory of equations.

(d) Solid Geometry, including original exercises, loci and mensuration of surfaces and solids.

(e) Trigonometry, including circular measurement of angles, proofs of formulas, solution of trigonometric equations, theory and use of logarithms, solution of right and oblique plane triangles, solution of right spherical triangles, with practical applications.

8. SCIENCE.

(a) Chemistry, metals and non-metals, one year's study, five hours weekly, with laboratory practice.

(b) Physics, at least one year's study, five hours weekly, with laboratory practice.

9. SPANISH.

a. Elementary Requirement (two years' course). The translation of ordinary modern prose at sight into idiomatic English. The student should have read a minimum of four hundred pages, which ought to include the work of at least three authors.

The requirement in grammar comprises: The use of the article, inflections of nouns, adjectives and pronouns; the use of personal pronouns, and common prepositions and conjunctions; mastery of all but the rare irregular verbs, and a knowledge of the simpler use of the moods and tenses.

The student's knowledge of grammar will be tested chiefly by the translation of English sentences into Spanish, but may also be tested by direct questions based on the Spanish passage set for translation.

b. Intermediate Requirement. Translation of standard Spanish at sight into idiomatic English. The candidate should have read, in addition to the amount specified under the *Elementary*

Requirement, from five to six hundred pages of modern prose and verse, which should include the work of at least two authors.

Texts recommended: Galdós: *Doña Perfecta*, *Electra*; Tomayo y Baus: *Lo Positivo*; Nuñez de Arce: *El Haz de Lena*; Valdez: *José*; Moratin: *El Si de las Niñas*.

The requirement in grammar comprises a thorough knowledge of accidence and the essentials of syntax. The candidate should be prepared to translate into Spanish sentences which exemplify grammatical difficulties, and ought also to be able to write an original composition in Spanish on the subject matter of the books offered for admission.

Admission by Examination

Examinations for Admission are held at the College in June, September and January, and students can begin college work either in September or in February.

The examinations in June are conducted in the College buildings by the College Entrance Examination Board, of which Board Adelphi College is a member. The examinations will be held during the week, June 17—22, 1912. All applications for admission to these examinations must be addressed to the "Secretary of the College Entrance Examination Board, P. O. Sub-station 84, New York, N. Y.," and must be made upon a blank form to be obtained from the Secretary of the Board upon application. Applications for examination at points in the United States east of the Mississippi River, must be received on or before Monday, June 3, 1912. Applications received later than the dates named will be accepted when it is possible to arrange for the admission of the candidate concerned, but only upon the payment of \$5.00 in addition to the usual fee. The examination fee is \$5.00 for all candidates examined at points in the United States and Canada. The fee (which cannot be accepted in advance of the application) should be remitted by postal order, express order or draft on New York to the order of the College Entrance Examination Board.

Entrance examinations in September are held at the College on Wednesday, Thursday and Friday of the week before the beginning of recitations in each year. Applications for admission to these examinations should be sent to the President's office, Adelphi College, Brooklyn, before the second Monday in September.

Entrance examinations in January for admission at the beginning of the second semester are held during the last week of the month. Application for admission to these examinations should be made before January 15th.

Order of Entrance Examinations
in September and January.

FIRST DAY.

Cæsar and Cicero.....	9.00—10.30
English History	10.30—12.00
Chemistry	10.30—12.00
Anabasis, Trigonometry	10.30—12.00
Virgil and Sight Reading.....	1.00— 3.00
German	3.00— 4.30

SECOND DAY.

English	9.00—10.30
Iliad and Sight Reading.....	10.30—12.00
Physics	10.30—12.00
Elementary Algebra (i and ii).....	1.00— 3.00
United States History.....	3.00— 4.30

THIRD DAY.

Plane Geometry	9.00—11.00
Solid Geometry, Mediæval History.....	11.00—12.00
French	1.00— 2.30
Advanced Algebra	2.30— 4.30
Ancient History	2.30— 4.00

Admission by Certificate

Applicants for admission to College by certificate must be at least sixteen years of age, and graduates of a high school or academy approved by Adelphi College. They must have completed a four years' course, must be recommended for admission to College by the principal of the school from which they are graduated, must present a certificate provided by the College and filled out by the authorities of the school, and the subjects studied must include: Three (3) units in English, three (3) units in mathematics, one (1) unit in History, four (4) units in Latin or three (3) units

in Greek, French or German, and, in addition, a sufficient number of subjects chosen from the recognized list to make a total of fifteen units. No applicant can offer more than two languages, other than English, in satisfaction of these requirements.

Applicants for admission who present the College Entrance Diploma will be admitted to Freshman standing without examination, and without condition, provided that the choice of elective studies for that diploma enables the candidate to satisfy the Adelphi requirements for admission, as stated above.

Graduates of New York City High Schools who hold the Academic Diploma are admitted to Freshman standing without examination and without condition.

Admission in Advanced Standing

The Faculty will accept properly authenticated certificates of work done in other colleges of good standing, but no student who enters Adelphi College upon such credentials may be graduated from Adelphi College unless a credit of at least 30 points has been obtained for courses taken while in residence at Adelphi College. For studies not pursued in residence and not certified to by a recognized institution of higher learning, credits toward the degree may be granted only in exceptional cases and only if the student passes successfully a special examination in each study for which credit is requested. Students who desire a special examination of this kind in order to secure credit for advanced standing must at the time of matriculation file with the Dean an applica-

tion setting forth distinctly the facts and the evidence on which the request is based. If the application is granted by the faculty, the special examination must be taken before the close of the first semester following matriculation.

Students applying for admission to College as candidates for the degree of Bachelor of Arts, who are graduates of a normal or training school for teachers in the State of New York, maintaining a two years' training course, and under the supervision of the State Commissioner of Education or of the New York City Superintendent of Public Instruction, and who are also graduates from a four years' course in a recognized high school or its equivalent, may receive a credit of 34 points. Similar graduates from the one year course in the Brooklyn City Training school prior to the year 1904 may receive a credit of 18 points.

Normal and Training School graduates who have had less than a four years' course in a High School must satisfactorily remove any deficiencies in their record for secondary school work before receiving credit toward a degree for their Normal course.

ADMISSION OF STUDENTS NOT CANDIDATES FOR A DEGREE

Students of mature age, not candidates for a degree, may be admitted to courses of study for which their previous training has fitted them, provided they satisfy the requirements of the departments which they propose to enter. In the event of change of plans, and on satisfying the requirements for admission to regular standing, they will be permitted to count courses so taken towards the Bachelor's degree.

Requirements for the Degree of Bachelor of Arts

The Freshman and Sophomore classes in Adelphi College together form the Junior College. The Senior College includes the Junior and Senior Classes.

All the studies in the College curriculum are arranged in three divisions, and each student, after admission to College, designates one of the divisions as a Major group of studies, and another as an Intermediate group; the remaining division must be the Minor group.

Candidates for the degree of Bachelor of Arts, which is the only baccalaureate degree now offered by Adelphi College, must satisfy the requirements of three such groups, each of which obviously must belong to a different division.

The semestral study is made the unit of computation. Each semestral study, unless otherwise provided, will have three weekly recitations and will be entitled to a credit of three points. Unless otherwise provided, a semestral study having less than three weekly recitations will be entitled to a credit of as many points as it has weekly recitations. All students in regular standing must take studies entitling them to 15 points of credit in each semester.

The three divisions in which the different departments of instruction now represented in the Faculty are grouped are described as follows:

1. The Division of History and Philosophy, comprising the departments of Economics, Education, History, Philosophy, Politics, Psychology and Sociology.

2. The Division of Languages and Literatures, comprising the departments of Elocution, English, German, Greek, Latin and Romance Languages (French, Italian, Spanish).

3. The Division of Mathematics and Sciences, comprising the departments of Astronomy, Biology, Chemistry, Geology, Mathematics, Mineralogy, Music, Physics.

Each candidate for the Bachelor's degree must complete before graduation the equivalent of 120 points. Of these, at least 54 must be chosen from the studies in a division chosen as Major, at least 24 points from the studies in another division chosen as Intermediate, and at least 12 points from the studies in the remaining division, which will be the Minor. Credit for 30 points must also be obtained for studies chosen as free options from among any of the divisions. In meeting these requirements no student in the Junior College will be allowed to take in one semester in one division studies amounting to more than 9 points of credit. Also, *in satisfying the requirements of the various divisions no student may offer more than 24 points from one department in any Major division.*

Students who have in compliance with these regulations obtained a total credit of 60 points, who have removed all entrance conditions and have met all other requirements of the Faculty are eligible to receive the Junior College certificate and to be admitted to the Senior College, and those who have in like manner obtained a credit of 120 points are candidates for the degree of Bachelor of Arts.

The point values of the necessary sequences in the various divisions may be summarized as follows:

DIVISION OF HISTORY AND PHILOSOPHY

1. *As a Major Group.* In the department of History, 18 points; in the department of Economics, 6 points; and in the department of Sociology, 6 points. In the department of Psychology, 6 points; in the department of Philosophy, 6 points. In any departments of the Division, 12 points. Total, 54 points.

2. *As an Intermediate Group.* In the department of History, 6 points (History 1 and 2); in Economics, 6 points. In the department of Psychology, 6 points, and in either the department of Philosophy or the department of Sociology, 6 points. Total, 24 points.

3. *As a Minor Group.* In the department of History, 6 points (History 1 and 2); in any other departments of the division except Education, 6 points. Total, 12 points.

DIVISION OF LANGUAGES AND LITERATURES

1. *As a Major Group.* In one department of the division, 24 points; in a second department, 18 points; in a third department, 12 points. The department of English must be one of the departments chosen and 6 points in English must be in English Composition, Courses 1 and 2. Total, 54 points.

2. *As an Intermediate Group.* In the department of English, 12 points (including courses 1 and 2); in a second department of the Division, 12 points. Total, 24 points.

3. *As a Minor Group.* In the department of English (Courses 1 and 2), 6 points; in a second department of the Division, 6 points. Total, 12 points.

DIVISION OF MATHEMATICS AND SCIENCES.

1. *As a Major Group.* In the department of Mathematics, 12 points; in the departments of the Sciences, 12 points; optional, 30 points. Total, 54 points.

2. *As an Intermediate Group.* In the department of Mathematics, 6 points; in the departments of the Sciences, 12 points; in any departments of the Division, 6 points. Total, 24 points.

3. *As a Minor Group.* In the departments of the Sciences, 6 points; additional Science or Mathematics, 6 points. Total, 12 points.

GENERAL REGULATIONS REGARDING COURSES

Students will not ordinarily be permitted to take more studies in one semester than would entitle them to receive credit for 15 points. If a student's record in the immediately preceding semester shows the grade of "A" in at least 9 points, and the grade "B" in all other points, and if the health of the student warrants it, the total of 15 points may, with the approval of the Dean, be exceeded. Students will not be permitted to take studies in any one semester which carry a total of more than 18 points.

Students whose class work in any subject is of unsatisfactory quality are not admitted to examination but are required to repeat the course, or to make up the deficiency in a way prescribed by the instructor and before a date not later than the next examination period in the study involved. In the case of deficiencies of such a nature as to entitle a student to a "Condition Examination", an opportunity for such examination is afforded during the period of Entrance Examinations in September and also at the next regular examination in the subject involved. But

members of the Senior Class who have incurred such conditions in studies of the first semester of the Senior year may have the privilege of examination during the semestral examination period at the end of the year in which they are candidates for a degree. All other examinations for the removal of conditions are styled "Special Examinations"; such examinations can be taken only by vote of the Faculty and upon the payment of a fee of five dollars.

Candidates for graduation must attend any courses of lectures or other exercises that have been or may be authorized and required by the Faculty, even though such courses receive no value in points.

The course of study may be completed either in January or in June, but the conferring of degrees will usually occur at the June Commencement. After June 1, 1912, no more men students will be admitted to the College, except in Teachers' Courses, Summer Sessions, and the Art School.

From the beginning the College has maintained such courses in pedagogy as were required for either State or City licenses for teaching. In the "Description of Studies" in the Division of History and Philosophy, and under the departments of Education and Psychology, will be found an outline of the studies required from college students in order to obtain any of these licenses. Students who, as a part of their work for a degree, have satisfactorily completed the prescribed pedagogical studies are admitted to the New York City examinations for licenses to teach in the public schools of any grade, and are also eligible to receive the College Graduate Professional Certificate, issued by the State Education Department at Albany, valid for three years and renewable for life.

Requirements for the Degree of Master of Arts

A candidate for the degree of Master of Arts must be a graduate of Adelphi College or of some approved degree-granting institution.

On or before the last Wednesday in September the applicant must submit to the Secretary of the Faculty an official record of previous studies, which record, in the case of an applicant not graduated from Adelphi College, shall be approved by the Faculty before the applicant is admitted to courses for the degree of Master of Arts.

The ordinary requirement for the degree of Master of Arts consists of a full year of residence-study approved by the Faculty as affording suitable preparation for the degree, and completed with high credit.

The applicant shall submit on or before the last Wednesday of September, to the Secretary of the Faculty, for approval by the Faculty, a program of the studies which the applicant wishes to take. The program of study must form a consistent plan of work, but need not lie wholly in one department or field. It must not include studies or courses which (or the equivalent of which) have formed part of the candidate's undergraduate work and have been counted toward the degree of Bachelor of Arts or Bachelor of Science. The program should ordinarily consist of four courses of instruction of advanced grade pursued for two semesters each or of the equivalent of four such courses, and of special work in each course carried on with the approval of the department concerned, and under the direction of the instructor.

The special work in one of these courses must be embodied in a thesis satisfactory to a Committee of the Faculty, which thesis shall be submitted not later than May 1st to the Secretary of the Faculty for approval by the Faculty.

In addition to the regular course-examinations, which must be passed with the grade A or B, all candidates for the degree are required to pass a final written and a final oral examination upon the general field of their work. The examinations will be conducted by the division in which candidates have taken the major part of their work.

Description of Studies Leading to Degrees

In numbering the courses odd numbers are assigned to all studies in the first semester of each year and even numbers to all studies in the second semester. Courses that are offered primarily as Junior College studies are numbered between 1 and 100. Courses offered primarily as Senior College studies are numbered from 101 upward. Elementary courses in the languages are designated by capital letters, as A, B, C, D.

Figures within parentheses at the end of each paragraph show the semestral point value of the course.

I. Division of History and Philosophy

Department of Economics

Professor FRADENBURGH

Courses 101 and 102 are required of all students in the first year of the Senior College, except that they may be optional for those who make the division of History and Philosophy their minor group.

101. OUTLINES OF ECONOMICS.

A general introduction to the study of economics with the design to familiarize the student with the fundamental principles of the subject. In addition to the work in the text books collateral reading is required, especially upon the past and present industrial life in England and the United States. Recitations, discussions, lectures. (3.)

102. ECONOMIC PROBLEMS.

Special attention is devoted to the subject of taxation and municipal economics. Open to students who have taken Course 101. (3.)

103. ECONOMIC HISTORY.

A study of the evolution of industrial life with special reference to England and the United States. (3.)

104. THE ECONOMICS OF DISTRIBUTION.

A study of the more recent theories of distribution and their application to practical economics. Open to graduates and especially qualified undergraduates. (3.)

Department of Education

Professor HARVEY, Professor HENDERSON, Assistant Professor HANNAHS, Miss ROETHGEN.

Students who wish to be admitted to examination for teachers' licenses in New York City should take Courses 101, 102, 107 and 108. Those who wish licenses to teach in elementary schools should take, in addition, Courses 103 and 104. All who wish the College Graduate Professional Certificate issued by the Regents of the State of New York should take Courses 101, 102, 107, 108 and either 103 and 104 or 106. The work may be taken either in the same year or in successive years. The latter plan is recommended, and it is suggested that Courses 101 and 102 be first taken. Only thus can

Courses 103 and 104, important for elementary teachers, be taken. As a prerequisite to admission to any of the above-mentioned courses in education the student must have completed Courses 1 and 2, or 3 and 4 in the Department of Psychology, or an equivalent.

Students who intend to enter the examinations for City licenses are advised to take also Course 101 in the Department of Philosophy.

Courses 13—22 are prescribed only for students in the Normal classes.

13 and 14. ORAL AND WRITTEN ENGLISH.

Study of Rhetoric with themes. First year Normal, once a week throughout the year. (Omitted in 1912-13.)

15. NATURE METHODS.

Adaptation of nature work and plans for using the same in the daily program. Second year Normal, first semester, once a week. MISS ROETHGEN.

16. PRIMARY METHODS.

Lesson plans, discussions and readings on the methods of teaching, reading, language, phonics, writing and primitive life, in the lower grades. Second year Normal, second semester, one hour weekly. MISS ROETHGEN.

19, 20. GIFTS AND OCCUPATIONS.

Practical application, lectures, essays and discussions. Study of the educational value of Gifts and Occupations and their place in Froebel's system. First year, Normal, six hours a week; second year Normal, three hours a week. PROFESSOR HARVEY and MISS ROETHGEN.

21, 22. GAMES AND STORIES.

Practice in telling and writing kindergarten stories. Classification of the same for practical purposes; as, fairy tales, historic stories, nature stories. Practical playing of kindergarten games. Educational value of traditional and other games as systematized by Froebel. First year Nor-

mal, first semester, once a week; second semester, twice a week. Second year Normal, twice a week. Professor HARVEY.

101. EDUCATIONAL PSYCHOLOGY.

See Psychology 101. (3.)

102. GENERAL METHODS OF TEACHING.

Critical study of the general principles and underlying teaching. The course involves observation and criticism of class instruction. (3.)

103 and 104. CURRICULUM AND METHODS OF TEACHING
IN THE ELEMENTARY SCHOOL.

Lectures and conferences, with observation and criticism of class-room work. (6.)

106. SPECIAL METHODS.

The departments of BIOLOGY, ENGLISH, FRENCH, GERMAN, HISTORY, LATIN, MATHEMATICS and STENOGRAPHY offer courses in the Curricula and Methods of Teaching each of these Subjects in the Secondary School. (1.)

107. HISTORY OF EDUCATION.

Greek and Roman education. The leading movements in the history of culture from the appearance of Christianity to the twentieth century and their effects on the schools. (3.)

108. PRINCIPLES OF EDUCATION.

The part education has played in evolution. Its function, both in individual development and social life. Evolution of educational agencies. Lectures, conferences and reports. (3.)

110. PRIMARY EDUCATIONAL PRINCIPLES.

Discussions, readings and essays. The purpose of the course is to show Froebel's conception of education through a study of his works and the practical application of his theory to education in the kindergarten. Second year Normal class, second semester, two hours weekly. Professor HARVEY. (2.)

112. FROEBELIAN THEORY AND METHODS

Study of the gifts, games, occupation, stories and nature work, with reference to their adaptation to child-nature and its development. Second year Normal, second semester, three hours a week. Professor HARVEY and MISS ROETHGEN. Open to students who have credit for Courses 19 and 20. (3.)

113, 114, 115, 116. FROEBEL'S PHILOSOPHY in "The Mother Play."

Once a week in each semester of the Normal Course. Professor HARVEY and MISS ROETHGEN. For the whole course. (4.)

117, 118. MODERN HISTORY AND HISTORY OF EDUCATION.

This course is designed for Normal students and involves a study of the chief and cultural movements of Modern History, and of the influence that these movements have exerted upon education. Three hours a week. (6.)

123. METHODS OF TEACHING AND SCHOOL MANAGEMENT.

(a) *Methods*. Critical study of the general principles underlying teaching. Special treatment of the various subjects of the elementary school curriculum. (b) *School Management*. Such topics as the following are

included: Seating, School Hygiene, Grading and Promotion, Discipline and Government, Incentives and Devices, Play and Games, Programs, Seat Work and Busy Work, How to Study, Examinations, Tests and Reviews, School Spirit, School and Community, Teacher Improvement, School Room Decoration, etc. Lectures, discussions and reports. Summer Session, 60 hours. (4.)

127. PRINCIPLES OF EDUCATION.

An advanced course in the subject suitable to the needs of those who have been graduated from a Normal School or a City Training School for Teachers. First semester. (4.)

128. MODERN EDUCATIONAL PROBLEMS.

Survey of recent discussion and scientific investigation in regard to method in teaching, especially in the elementary school. This course, together with Principles of Education, 127, is recommended to teachers who are preparing for examinations leading to higher licenses. Second semester. (2.)

Department of History and Politics

Professor FRADENBURGH, Professor O'CONNOR,
Dr. ROSELLI, Dr. JENKINS.

1. MEDIÆVAL HISTORY.

The origin and development of feudal society and institutions; the political history of central and southern Europe to the fifteenth century. Required of all students in the first year. (3.)

2. HISTORY OF THE RENAISSANCE.

A study of the social, religious and political issues of the Renaissance, the fifteenth and sixteenth centuries. Required of all students in the first year. (3.)

3. ENGLISH HISTORY.

English history to the execution of Charles I, with especial reference to the Tudor period and the Puritan Revolution. (3.)

4. ENGLISH HISTORY.

The political and social development of England since the Puritan Revolution. (3.)

101. FRENCH HISTORY.

The ancient Régime and the French Revolution. (3.)

102. HISTORY OF THE NINETEENTH CENTURY.

Topical studies in modern history. The age of the settlement of parliamentary government and racial consolidation. (3.)

103. AMERICAN HISTORY.

A topical study of American history from the Colonial period to the "Era of Good Feeling." (3.)

104. AMERICAN HISTORY.

The history of the United States from the "Era of Good Feeling" through Reconstruction. (3.)

105, 106. BIBLICAL HISTORY AND LITERATURE.

This course will include a history of the Bible, both of the Old and of the New Testament; manuscript copies; the most important versions; the English Bible; an outline of Jewish history to the Exile, with frequent reference to Jewish institutions, religious, political and economic. For the year. (3.)

107. STUDIES IN THE LIFE OF CHRIST AND IN THE ORGANIZATION OF THE CHRISTIAN CHURCH.

An outline of Jewish history from the Exile to the birth of Jesus Christ. The growth of the Messianic idea.

Palestine in the time of Christ. Selected studies in the Gospels. The formation of the Christian Church. (Omitted in 1912-1913.) (3.)

109 and 110. SEMINAR IN HISTORY.

Open to especially qualified Seniors and graduates. Bibliography, reports, historical criticism and discussions. Two hours a week throughout the year. For the year. (3.)

115. ANCIENT HISTORY.

The history of the Græco-Roman civilization to the age of the Cæsars. (3.)

116. ANCIENT HISTORY.

The Græco-Roman civilization under the Roman Empire. (3.)

119. HISTORY OF ART.

An outline of the history of the architecture and sculpture of the Egyptians, Chaldeans, Assyrians, Persians, Jews and Phœnicians. The development of Greek Art from the Aegean civilization to the Hellenistic period. A review of the most important monuments of Roman, Early Christian, Byzantine and Gothic art, and a study of the artistic activities of Europe from the beginning of the Roman Empire to the dawn of the Renaissance. Open to students who have credit for History 1 and 2. (3.)

120. HISTORY OF ART.

Study of Renaissance architecture, sculpture and painting. Development of modern art in the Netherlands, Germany, France, Spain, England and America. Study of ancient art in Asia. The Japanese renaissance. Open to students who have credit for History 119. (3.)

121. HISTORY OF ROMAN ART.

The origin of Roman art, Etruscan art, Italic and Hellenistic influences upon Roman art. The historical evolution of Roman architecture and sculpture. Study of the buildings of Rome from the standpoint of Art, History and Archæology. Roman Art in Europe, Asia and Africa. The excavations of Pompeii and Herculaneum. Græco-Roman minor arts. Open to students who have credit for History 119. (Omitted in 1912-13.) (3.)

122. HISTORY OF RENAISSANCE ART.

The Renaissance in architecture, sculpture and painting, studied in relation to the philosophical, social and literary movement of that period. This study includes a criticism of all the most important paintings by Italian, Flemish and German artists of the thirteenth, fourteenth, fifteenth and sixteenth centuries. Open to students who have credit for History 120. (Omitted in 1912-13.) (3.)

Department of Philosophy

Professor HENDERSON.

101. LOGIC.

The elements of formal logic, deductive and inductive, with a consideration of theories of the nature and validity of judgment. See Psychology 101.

102. ETHICS.

The psychology of the moral life. Types of ethical theory. Evolution of the moral conceptions. Modern ethical problems. (3.)

103. HISTORY OF PHILOSOPHY.

General survey of ancient philosophy and of modern philosophy up to the time of Kant. An introductory

course designed to present the typical systems and to trace their relation to practical life. (3.)

104. MODERN PHILOSOPHY.

The leading phases of philosophic thought since the time of Kant. Idealism; Realism; Pessimism; Positivism; Agnosticism; the Philosophy of Evolution; Humanism and Pragmatism. (3.)

105 and 106. HISTORY OF PHILOSOPHY AND ETHICS.

A course covering in somewhat briefer survey the ground of courses 102, 103 and 104. Designed for teachers and given three hours a week throughout the year. (6.)

Department of Psychology

Professor HENDERSON, Assistant Professor HANNAHS.

1 and 2. PSYCHOLOGY.

Elementary analysis of consciousness with attention to its functions and to its relation to the nervous system. Applications of psychology to phases of practical life. Professor HENDERSON. (6.)

3. ELEMENTARY PSYCHOLOGY.

Introduction to the study of psychology. First year Normal, three hours a week. (3.)

5 and 6. PSYCHOLOGY OF THE CHILD.

The study of the physical and mental growth of children with especial reference to its relation to the work of the kindergarten and the primary school. Second year Normal, three hours a week. Professor HENDERSON. (6.)

101. EDUCATIONAL PSYCHOLOGY.

The development of mental functions during infancy and childhood. Critical study of educational practices from the points of view of analytical and experimental psychology. (The same course as Education 101. In 1912-13, this course includes Philos. 101) (3.)

Department of Sociology

Professor MACLEAN, Dr. JENKINS.

2. PRACTICAL SOCIOLOGY.

A study of population and social organization, with suggestions for constructive work, designed particularly to meet the needs of kindergartners. Normal course. (3.)

101. INTRODUCTION TO SOCIOLOGY.

This course is designed to afford a synthetic view of social phenomena, and to furnish the student with a scientific method for the study of ordinary human association and fundamental social problems. (3.)

102. SOCIAL ELEMENTS.

The purpose of this course is to show the connection between the different elements that make up society, and to study particularly the family, industrial society, and the constructive forces at work. (3.)

103. MODERN PHILANTHROPY.

A study of the nature and origin of the dependent and defective classes; principles and methods of relief; organization and management of State institutions. (3.)

104. CRIMINAL SOCIOLOGY.

A study of the causes, nature and treatment of crime, the principles of criminal anthropology, criminal jurisprudence and penology. (3.)

105. ADVANCED SOCIOLOGY.

A critical study of sociological theory. Open to graduates and especially qualified undergraduates. First semester. (3.)

107 and 108. SEMINAR.

Open to graduates and especially qualified undergraduates. Two hours a week throughout the year. (4.)

110. MODERN CITIES.

A study of the development of cities, with special reference to American municipalities, their physical conditions, public services, political, industrial and social groupings. (3.)

111. RURAL COMMUNITIES.

A study of rural social life in America, the problem of isolation, and organization for improvement. (3.)

II. Division of Languages and Literatures

Attention is called to the fact that no credit towards the degree of B. A. will be given for any elementary language course except upon the satisfactory completion of two years' work in the language, or an equivalent. By this ruling college credit for elementary French, German, Greek, Latin, Italian or Spanish may be obtained only by completing courses A, B, C, D.

Department of the English Language and Literature

Professor GREENLAW, Assistant Professor SWEENEY,
Miss DELANO.

1. RHETORIC AND COMPOSITION.

Description and Exposition: a course in theme writing, with frequent conferences. Required of all students in the first year of the Junior College. Assistant Professor SWEENEY and Miss DELANO. (3.)

2. ENGLISH PROSE.

A critical study of prose selections, and of the structure of the short story. Weekly and fortnightly themes. Required of all students in the first year of the Junior College. Assistant Professor SWEENEY and Miss DELANO. (3.)

3 and 4. THE HISTORY OF ENGLISH LITERATURE IN OUTLINE.

The course is designed as a preparation for more detailed work in other courses. A brief manual is used, together with selections illustrating the historical development of English literature. Conferences and reports. Professor GREENLAW and Miss DELANO. For the year. (6.)

5 and 6. ENGLISH COMPOSITION.

Theme-work, required from all students in the first year of the Normal Course. One hour a week, each semester. Miss DELANO. (Omitted in 1912-13.) (2.)

102. ENGLISH COMPOSITION: ADVANCED COURSE.

Designed for students who have passed in English 1 and 2, with a mark higher than C. (Omitted 1912-13.) (3.)

103. NON-DRAMATIC LITERATURE OF THE ELIZABETHAN PERIOD.

Spenser and his contemporaries; the influence of Italy, France and Germany. Professor GREENLAW. (3.)
(Offered in 1912-1913 and in alternate years.)

104. MILTON.

Professor GREENLAW. (3.)
(Offered in 1911-1912 and in alternate years.)

106. AMERICAN LITERATURE.

From the beginning to the present time. Open to all students in either College who have had Courses 1-3, or their equivalent. (3.)

107. CLASSICISM.

The sources of English Classicism, both foreign and native; Dryden and Pope and their imitators; Swift, Addison, Johnson. (Omitted 1912-1913.) (3.)

108. ROMANTICISM.

From the beginning of the movement to 1830, with special stress upon English poetry from Wordsworth to Keats. Assistant Professor SWEENEY. (3.)
(Offered in 1911-1912 and in alternate years.)

109. VICTORIAN PROSE.

The Essay from Carlyle to Stevenson; Eliot, Thackeray, Dickens and their contemporaries. Assistant Professor SWEENEY. (Omitted 1912-1913.) (3.)

110. VICTORIAN POETRY.

Tennyson, Browning, Arnold, Rossetti, Swinburne, Morris. (Omitted 1912-1913.) (3.)

111. ANGLO-SAXON.

An elementary course, using Bright's *Anglo-Saxon Reader* as a basis. The object is to give a reading knowledge of the language and some appreciation of the literature. Professor GREENLAW. (3.)

112. BEOWULF.

A continuation of English 111. Professor GREENLAW. (Courses 111 and 112 are offered in 1911-1912 and in alternate years.) (3.)

113. CHAUCER.

An introduction to Middle English. A considerable portion of the *Canterbury Tales* will be read, and, if time permit, some selections from Chaucer's other works. Professor GREENLAW. (3.)

114. MIDDLE ENGLISH.

Supplementary to Course 113. The history of English literature, 1200-1557, with selections from ballads, romances, the drama and other literature. Professor GREENLAW. (3.)

(Courses 113 and 114 are given in 1912-13 and in alternate years.)

115. THE ENGLISH NOVEL.

The history of prose fiction is traced rapidly from the sixteenth to the mid-eighteenth century, but the main stress of the course is upon the development of the novel from Richardson to the present time. (Omitted 1912-1913.) (3.)

116 and 117. THE THEORY AND HISTORY OF CRITICISM.

An examination of critical theory, as presented by Plato, Aristotle, Sidney, Ben Jonson, Dryden, Pope, Boileau, Ad-

dison; the more important nineteenth century critics in England and in France. Assistant Professor SWEENEY.
(Offered in 1912-1913 and in alternate years.) (6.)

118 and 119. THE ENGLISH DRAMA.

A history of the drama in England from the origins to the closing of the theatres (1642). Supplementary reading and reports. For the year. (6.)
(Offered in 1913-1914 and in alternate years.)

Department of Oral English

1 and 2. ELOCUTION AS APPLIED TO INTERPRETATION.

Speech art and its relation to personality. Interpretative reading and analysis. The interpretation of dramatic plays, ancient and modern. The imaginative quality in expression. One hour a week, one semester, Freshman and Sophomore classes. (Omitted in 1912-13.)

Department of Germanic Languages and Literatures

Professor COAR,* Assistant Professor REINING,
Dr. TOMBO.

GERMAN A. ELEMENTARY COURSE.

This course is intended for students who have not presented German for admission and have no previous knowledge of the language. Elements of grammar, reading, writing. First semester. (3.)

GERMAN B. ELEMENTARY COURSE (Continued).

Review of the elements of grammar; dictation based on the reading; frequent short themes in German. A large amount of easy German prose will be read. Open to students who have credit for Course A, or who have studied the language for one year in an accredited preparatory school. German A and B will remove an entrance condition in Elementary German. Second semester. (3.)

* Absent on leave, 1911-12.

GERMAN C. INTERMEDIATE COURSE.

Rapid review of the elements of grammar; syntax; dictation, short themes based on the reading; prose writers of the nineteenth century. Open to students who have credit for German A and B, or who present Elementary German for admission. First semester. (3.)

GERMAN D. INTERMEDIATE COURSE (Continued.)

Special problems of grammar; syntax; dictation, short themes based on the reading. Lessing, *Minna von Barnhelm*; Schiller, *Wilhelm Tell*; Goethe, *Hermann und Dorothea*. Collateral reading from selected work on German history. Open to students who have credit for Course C, or, under certain conditions, to students who enter at mid-year and have credit for Elementary German on admission. German C and D will remove an entrance condition in Intermediate German, or will count toward the degree for all students who do not offer Intermediate German on admission. Second semester. (3.)

1. INTRODUCTION TO GERMAN LITERATURE.

German Short-Story of the nineteenth century. Rapid reading, dictation, short themes, conferences. Collateral reading. Open to students who have credit for German D or who present Intermediate German on admission. (3.)

2. INTRODUCTION TO GERMAN LITERATURE.

German Drama of the nineteenth century; rapid reading, dictation, short themes, conferences. Collateral reading. Open to students under the same conditions as German 1. (3.)

3. GOETHE.

A study of the life and works of Goethe previous to his friendship with Schiller: *Egmont*, *Iphigenie*, *Torquato Tasso*. Monthly themes in German and English, and a semestral essay in English. A considerable amount of collateral reading will be required. Students will be provided with a syllabus of the course at the beginning of the semester. Open to students who have credit for German 2. (3.)

4. SCHILLER.

A study of the life and works of Schiller, with some reference to Goethe; *Maria Stuart*, *Die Jungfrau von Orleans*, *Wallenstein*. Monthly themes in German and English, and a semestral essay in English. A considerable amount of collateral reading will be required. Students will be provided with a syllabus of the course at the beginning of the semester. Open to students who have credit for German 1 and 2, or German 3. (3.)

101. LESSING.

A study of the critical and dramatic works of Lessing, with some reference to Herder, Goethe, Schiller and to German, French and English literature and esthetic criticism of the seventeenth and eighteenth centuries. Monthly reports and semestral essay. The course is open primarily to students who have credit for German 3 and 4. The course will alternate with German 107. (3.)

103. GERMAN LITERATURE IN THE FIRST HALF OF THE NINETEENTH CENTURY.

Romanticism and the romantic ideals of art and life. A considerable amount of collateral reading will be required. Monthly themes in English and German, and a semestral essay in English. Students will be provided with a syllabus of the course at the beginning of the semester. Primarily for students who have credit for German 3 and 4. (3.)

104. GERMAN LITERATURE IN THE SECOND HALF OF THE NINETEENTH CENTURY.

Realism, naturalism, mysticism. A considerable amount of collateral reading will be required. Monthly themes in English and German, and a semestral essay in English. Students will be provided with a syllabus of the course at the beginning of the semester. Open to students under the same conditions as German 103, or to students who have credit for German 103. (3.)

106. GOETHE'S FAUST.

A critical study of the drama and of Goethe's philosophy of life. Open only to students who have credit for German 3 and 4 or 101. This course will alternate with German 116. (3.)

107. THE GERMAN NOVEL.

The history of the novel is traced in outline from its early beginnings, but the main stress of the course is upon the development of German prose fiction in the nineteenth century. Open to students who have credits for three of the following courses: German 3, 4, 101, 103, 104. The course will alternate with German 101. (3.)
(To be omitted 1912-1913.)

108. THE GERMAN DRAMA.

The history of dramatic literature in German will be traced in outline from its early beginnings, but the main stress of the course is upon the development of German drama since Lessing. Open to students under the same conditions as German 107. The course will alternate with German 106. (3.)

(To be omitted in 1912-1913.)

111. DER DEUTSCHE AUFSATZ.

A study in good style and practice in writing German essays. The course will be conducted in German. Open only to students who have credit for three of the following courses: German 2, 3, 4, 101, 103, 104, 107. (1.)

112. DER DEUTSCHE AUFSATZ (continuation of German 111).

Open to students on the same conditions. German 111 and 112 are a requirement for honors in German. (1.)

(German 111 and 112 may each be taken in two successive years.)

113. HISTORY OF THE GERMANIC LANGUAGES.

Phonology. Consonants and vowels. The relation of modern German to modern English. This course is in-

tended for students who purpose to teach German. Open only to students who have credit for six of the following courses: German 1, 2, 3, 4, 101, 103, 104. (1.)

114. HISTORY OF THE GERMAN GRAMMAR.

Etymology. Prefixes and suffixes. Declensions and conjugations. Special problems in grammar and syntax. Open only to students who have credit for German 113. (1.)

115. MIDDLE HIGH GERMAN. *Introductory Course.*

Study of the dialect in its relation to modern High German and English. Lectures in German on the development of German Literature down to the twelfth century. Rapid reading of selections from masterpieces. Collateral reading, reports and a thesis. Open only to graduate students and properly qualified undergraduates. (3.)

(To be omitted in 1912-1913.)

116. MIDDLE HIGH GERMAN LITERATURE.

Study of the masterpieces of epic and lyric poetry in the twelfth and thirteenth centuries. Lectures in German. Collateral reading, reports and a thesis. Each student is required to make a special study of one of the great epics or of one of the lyric poets. Open only to students who have credit for German 115. (3.)

(To be omitted in 1912-1913.)

Department of the Greek Language and Literature

Professor O'CONNOR.

1. GREEK PHILOSOPHY.

Plato, The Apology and Crito, with selections from the Phædo, Phædrus, Gorgias, Republic. Study of style and philosophic content. (3.)

2. HOMER.

Selections from the later books of the *Iliad*, or of the *Odyssey*; discussion of the authorship of the poems; explanations of Homeric forms and syntax. (3.)

3. THE GREEK DRAMA.

Its rise and development; one tragedy of Euripides.
The Clouds of Aristophanes. (3.)

4. One tragedy of Sophocles and one of Aeschylus,
with a summary of other tragedies, and a study of the
career of these poets. (3.)

101. Herodotus: History of the Persian Wars; The
Persians of Aeschylus. (3.)

102. Thucydides: The Sicilian Expedition, with selec-
tions from the other books. (3.)

103. Demosthenes: Oration on the Crown; Aeschines,
Against Ctesiphon; selection from the other orators. (3.)

104. GREEK LYRIC POETRY.

Odes of Pindar and Bacchylides; selection from Theo-
critus and Hesiod.

106. A study of Greek as revealed in the monuments
and remains of Greece, Sicily and Crete; illustrated
lantern slides. (3.)

- 107 and 108. GREEK COMPOSITION. (1.)

- 109 and 110. A review of the principles of Greek gram-
mar. One hour a week during the year. Both semesters
together. (1.)

115. ANCIENT HISTORY.

The history of the Græco-Roman civilization to the age
of the Cæsars. — (3.)

116. ANCIENT HISTORY.

The Græco-Roman civilization under the Roman Em-
pire. (3.)

117. GREEK DRAMA IN ENGLISH. (3.)

NOTE.—Classes will be formed in Elementary Greek
when sufficient numbers apply.

Department of the Latin Language and Literature

Professor SANFORD.

1. Cicero: De Senectute and De Amicitia; Latin composition based on the Amicitia. (3.)
2. Horace: Selected odes and epodes; lectures on the Augustan Age. (3.)
3. The Captivi of Plautus, the Andria of Terence, and one other play of either Plautus or Terence. (3.)
4. Catullus: Selected odes; Selections from the Elegiac Poets, Propertius, Tibullus. (3.)
101. The Agricola and the Germania of Tacitus; selected letters of Pliny. (3.)
102. Selected satires of Juvenal; the Dialogue of Tacitus. (3.)
103. Martial: Selected epigrams; selections from various prose writers of the Empire: Seneca, Quintilian, Petronius and others. (3.)
104. The Annals of Tacitus, Selections from Books I-VI. Selections from various prose writers and poets of the Empire: Suetonius, Lucan and others; or Selections from Lucretius, De Rerum Natura, Books, I, III, V. (3.)
- 105 and 106. Elementary Latin composition. (1.)
107. Advanced Latin composition. (2.)
108. Livy: Selections from Books I, XXI, XXII. (2.)
- 109 and 110. Review of the principles of Latin grammar. One hour a week during the year. Both semesters together. (1.)

NOTE.—Classes in Elementary Latin will be formed when sufficient numbers apply.

Department of Romance Languages and Literatures

Assistant Professor MALOUBIER, Dr. ROSELLI, Miss CUEVAS.

1. FRENCH.

A. ELEMENTARY COURSE:

Open to students who did not offer French at entrance. Thorough study of French grammar and syntax, dictations, translation from English into French, reading of easy modern prose, conversation.

Books: Downer: *A First Book in French*; François: *Easy Standard French*.

B. ELEMENTARY COURSE (Continuation of A.):

Pre-requisite French A or its equivalent.

Books: Downer: *A First Book in French*; Cameron: *Elements of French Composition*; Lesage: *Gil Blas*; Labiche: *La Poudre aux Yeux*. (3.)

C. CONVERSATION, READING, COMPOSITION.

Pre-requisite. Elementary French at entrance or French A and B or equivalents. Review of Grammar, conversation, reports on books read. (3.)

Books: Fontaine: *Livre de Lecture et de Conversation*; Cameron: *Elements of French Composition*; De la Brète: *Mon oncle et mon curé*; Dumas: *Les trois Mousquetaires*.

D. CONVERSATION, READING, COMPOSITION (Continuation of C).

Pre-requisite: Elementary French at entrance (or French A and B) and French C or equivalents. (3.)

Books: Fontaine: *Livre de Lecture et de Conversation*; Cameron: *Elements of French Composition*; About: *Le Roi des Montagnes*; Daudet: *Contes Choisis*; Labiche: *Le Voyage de M. Perrichon*.

1. INTRODUCTION TO FRENCH LITERATURE.

Pre-requisite, intermediate French at entrance or French C and D or equivalents. Grammar review, conversation and reports in French on books read, lectures, collateral reading.

Books: Fontaine: *Livre de Lecture et de Conversation*; Molière: *Le Bourgeois Gentilhomme, L'Avare*; Racine: *Athalie*; Hugo: *Notre Dame de Paris*.

2. INTRODUCTION TO FRENCH LITERATURE (Continuation of 1).

Pre-requisite: Intermediate French at entrance, or French C and D and French I or equivalents. (3.)

Books: Weill: *Historical French Reader*; Taine: *L'Ancien Regime*; *Choix de Contes des Romanciers Naturalistes*.

3. PROSE AND POETRY IN THE SEVENTEENTH CENTURY.

Non-dramatic Literature of the classic period, essays and reports in French, outside reading. (3.)

Books: La Bruyère: *Les Caractères*; Mme. de Sévigné: *Lettres Choisies*; Bossuet: *Choix de Sermons et d'Oraisons*; *Extraits des Moralistes du XVII^e. Siècle*, Descartes. Pascal, *La Rochefoucauld*; La Fontaine: *Fables Choisies*.

4. CLASSIC DRAMA:

A study of the three great dramatists of the Seventeenth Century, conceptions of life and theories of art in the age of Louis XIV, conferences, collateral reading, essays and reports in French. (3.)

Books: Molière: *Les Précieuses Ridicules, Tartuffe, Le Misanthrope*; Corneille: *le Cid, Cinna*; Racine: *Andromaque, Phèdre, Iphigénie*.

101. FRENCH LITERATURE IN THE EIGHTEENTH CENTURY.

Lesage, *Turcaret*; Piron, *La Métromanie*; Marivaux, *Le Jeu de l'Amour et du Hasard*; Sedaine, *Le Philosophe sans le savoir*; Beaumarchais, *Le Barbier de Séville*; Voltaire, *Contes choisis, Vaire, Mérope*; Rousseau, *Brunel's Extraits*. The collateral

reading will mostly be concerned with Voltaire and Rousseau; conferences; in connection with this work essays and reports will be required. (3.)

102. FRENCH LYRIC POETRY. A topic study of lyric poetry in France, beginning with Charles d'Orleans and continuing down to the present day. The development of the genre will be carefully traced, but the bulk of the course will be devoted to the poets of the nineteenth century. Outside reading; conferences; essays and reports. (3.)

103. EARLY NINETEENTH CENTURY LITERATURE.

The Romantic movement in France. Chateaubriand, *Atala*; Hugo, *Hernani*, *Ruy Blas*; Delavigne, *Louis XI*; Balzac, *Eugénie Grandet*; de Musset, *Fantasio*, *on ne badine pas avec l'amour*, *Il faut qu'une porte soit ouverte ou fermée*; Ponsard, *Charlotte Corday*; conferences; collateral reading, essays and reports. (3.)

(To be omitted in 1912-13.)

104. LATER NINETEENTH CENTURY LITERATURE.

Literary tendencies of the past fifty years. Flaubert, *Salamambo*; Zola, *Selections*; France, *Crime de Sylvestre Bonnard*; Renan, *Souvenirs d'Enfance et de Jeunesse*; Rostand, *Cyrano de Bergerac*; conferences collateral reading, essays and reports. (3.)

(To be omitted in 1912-13.)

2. ITALIAN.

A. ELEMENTARY COURSE.

Costa's Italian lessons; elementary exercises; translations and dictations; reading of easy modern prose. *Bowen's* Italian reader, elementary conversation. (3.)

B. ELEMENTARY COURSE.

Thorough review of grammar; elementary exercises in writing Italian, conversation. (3.)

Books: *Costa's Italian lessons*, *Bowen's Italian reader*; E de Amicis: *Cuore*; Goldoni: *La Locandiera*.

C. AND D. INTERMEDIATE COURSE.

Pre-requisite: Elementary Italian at entrance or Italian A and B or equivalents. Review of grammar. Conversation. Practise in Italian prose composition. Reading of selections from classical and modern Italian writers. Martiné: *Prose Italiane moderne*. For each semester. (3.)

1 and 2. INTRODUCTION TO ITALIAN LITERATURE.

Reading of typical masterpieces of Italian literature, such as Dante's *Divina Commedia* (Scartazzini's edition), Excerpts from Boccaccio (Fornaciari's edition), Sacchetti's *Novelle*, Ariosto's *Orlando Furioso*, Extracts from Cellini's *Autobiografia*, Fogazzaro's *Piccolo Mondo Antico*. For the year. (6.)

SPANISH.

A. ELEMENTARY SPANISH.

Study of Spanish grammar, elementary exercises in dictation and translation, reading of easy modern prose. (3.)

Books: Wagner: *Spanish Grammar*, *Elementary Spanish Reader*. Fontaine: *Cuentos Españoles*. Valera: *El Pájaro Verde*.

B. ELEMENTARY SPANISH.

Exercises in writing Spanish; conversation. (3.)

Books: Wagner: *Spanish Grammar*; *Elementary Spanish Reader*. Fontaine: *Cuentos Españoles*, *El capitán Veneno*; Humphrey: *Spanish Composition*.

III. Division of Sciences and Mathematics

Department of Astronomy

Professor PECKHAM.

101. THE EARTH AS A PLANET.

The study of the earth in its astronomical relations and in its physical conditions, its forms, size and weight, its motions, weather and climate, with practice in meteorological observations and weather forecasting from study of the Weather Map. (3.)

102. THE SOLAR AND STELLAR SYSTEMS.

The study of the moon and planets, the sun and stars, comets, meteors and nebulae. Descriptive astronomy and astronomical theories. (3.)

Department of Biology.

Professor GAINES, Professor PETTIT.

1. HYGIENE.

Personal, School and Child Hygiene. Household and Public Sanitation. First year Normal. College option also. Five hours each week. (3.)

2. ZOÖLOGY AND BOTANY.

Material especially adapted to Nature work with children. First year Normal. College option also. Five hours each week. (3.)

3 and 4. GENERAL BIOLOGY.

(a) First semester. A study of animal and plant forms for the purpose of learning fundamental biological facts and principles. Life processes of organisms. The interdependence of plants and animals. (3.)

(b) Second semester. The adjustment of organisms to environment; the life cycle; the processes of evolution. Classification of life forms. (3.)

5 and 6. BOTANY.

(a) First semester. Study of the structure of plants, the types selected to show the evolution of the plant kingdom. The general classification of plants. (3.)

(b) Second semester. Plant Physiology. Five hours each week. (3.)

7 and 8. ZÖÖLOGY.

(a) First semester. Study of representatives of the invertebrate groups. Their anatomy, life histories, habits and distribution. (3.)

(b) Second semester. Study of the vertebrate groups after the same method. Five hours each week. (3.)

103 or 104. VERTEBRATE EMBRYOLOGY.

Lectures and laboratory work on the embryology of amphioxus, the frog and the chick. Five hours each week. (3.)

105 or 106. THE HISTORY OF BIOLOGY.

Its epochs and leaders. Theoretical Biology: Natural selection, variations; Mendelism: Man's place in nature. (3.)

107. SANITATION AND HYGIENE.

Personal hygiene: Household and Public Sanitation and Hygiene. Three hours each week. (3.)

108. FOOD AND DIETETICS.

Composition and nutritive value of foods. Dietary standards. Food preservatives and adulterations. Legislation on foods. Three hours each week. (3.)

109 and 110. PHYSIOLOGY AND HYGIENE.

A course arranged especially for those who wish to understand physical education. Each Semester. (3.)

111 and 112. HUMAN ANATOMY.

Intended especially for students who wish to become teachers of physical education. Each semester. (3.)

Department of Chemistry

Professor SHARE.

1 and 2. GENERAL CHEMISTRY.

(a) First semester. *Chemistry of the non-metals*: Physical and chemical change; laws of chemical combinations; theory of solutions; thermo-chemistry; principles of chemical nomenclature; periodic law; families of non-metals; problems; laboratory manipulations. (b) Second semester. *Chemistry of the metals*: Distribution of metallic ores; general methods for the preparation of metallic compounds; methods of reduction; study of individual metals; uses of metals, and their compounds; alloys. Short introduction to organic chemistry. Three hours a week. Laboratory, two hours a week. Each semester. (3.)

3 and 4. QUALITATIVE ANALYSIS.

(a) First semester. Tests for the metals; tests for the acid radicals, study of schemes for the separation and recognition of the metals and acid radicals. (b) Second semester. Analyses of simple salts; analyses of solutions and mixtures of solids, commercial products, alloys, soils, etc. Three hours a week; laboratory, four hours a week. Each semester. (3.)

101 and 102. QUANTITATIVE ANALYSIS.

(a) First semester. Preliminary course on analysis of compounds of known composition; use of the balance; calibration of measuring instruments; general methods of volumetric and colorimetric analysis. (b) Second semester. General course on the analysis of ores and commercial products; analysis of gases; analysis of waters; assays of gold, silver and other ores; electrolytic methods of analysis. Three hours a week; laboratory, five hours a week. Each semester. (3.)

103 and 104. ORGANIC CHEMISTRY.

Methane derivatives; benzene derivatives; organic analysis; laboratory practice in the preparation of organic substances. Seven hours a week, lectures and laboratory. Each semester. (3.)

105 and 106. TECHNICAL OR APPLIED CHEMISTRY.

Processes for the manufacture of economical products; advanced methods of quantitative analysis; food analysis. Seven hours a week; lectures and laboratory. Each semester. (3.)

Department of Geology

Professor SHARE.

101. GEOLOGY.

General course; dynamic, structural and historical. (3.)

102. ECONOMIC GEOLOGY.

Distribution and utilization of ore deposits, building stone, etc. (3.)

Department of Mathematics

Professor BOWDEN.

MATHEMATICS C and D. A thorough review in elementary algebra and plane geometry, intended for those who have some knowledge of these subjects, but need preparation for examinations. Offered only in Summer Session. No college credit allowed for this course.

1. THEORY OF NUMBERS.

A course in the fundamental principles of arithmetic and algebra, with an outline of the logical principles chiefly used in mathematics, intended to supplement the high school work in algebra, and to give the student a firm foundation for his future study of mathematics. (3.)

2. SOLID GEOMETRY.

The usual demonstrative work, with numerical applications of the formulas derived. (3.)

5. TRIGONOMETRY.

The trigonometric functions will be defined as ratios of lines. From these definitions will be derived geometrically and analytically the ordinary formulas. This work will be followed by the solution of plane triangles, with the use of logarithms and applications to the measurement of heights and distances. (3.)

8. ANALYTICAL GEOMETRY.

The equations of the straight line, circle, parabola, ellipse, hyperbola and a few of the simpler higher plane curves. (3.)

9. ALGEBRA.

The binominal theorem, permutations, combinations, change, logarithms, determinants, theory of equations, solution of numerical equations. (3.)

10. ALGEBRA AND SPHERICAL TRIGONOMETRY. (3.)

101. DIFFERENTIAL CALCULUS.

Simple and successive differentiation of functions, expansion of functions in series, evaluation of indeterminate forms, curve tracing, maxima and minima. (3.)

102. INTEGRAL CALCULUS.

Derivation of formulas, calculation of lengths and areas of curves, areas of volumes of solids of revolution; solution of simple differential equations. (3.)

103. PROJECTIVE GEOMETRY.

Ranges, flat pencils, axial pencils, sheaves of lines and planes, perspective, duality, harmonic figures, projective figures, anharmonic ratios. (3.)

112. THE TEACHING OF MATHEMATICS.

A study of the fundamental concepts of mathematics and of the methods of the past and present, with an outline of the history of mathematics. (3.)

117. ADVANCED ANALYTICAL GEOMETRY. (3.)

120. ADVANCED CALCULUS.

THE MATHEMATICAL CLUB. This is an organization of teachers and students, formed for the purpose of mutual help in mathematical investigation, and as an incentive to original work. The club meets once in three weeks.

Department of Physics

Professor PECKHAM.

1. GENERAL PHYSICS.

Properties of solids, liquids and gases and the study of sound and light. Lectures and laboratory work. Three hours a week, with two hours laboratory. (3.)

2. GENERAL PHYSICS.

Heat and electricity. Lectures and laboratory work. Three hours a week, with two hours laboratory. (3.)

103. MECHANICS AND HEAT.

Three hours a week, with four hours laboratory. (3.)

104. ELECTRICITY AND LIGHT.

Three hours a week, with four hours laboratory. (3.)

105. TECHNICAL ELECTRICITY.

Dynamos and motors, lighting and power. Three hours a week, with four hours laboratory. (3.)

106. MODERN THEORIES OF MATTER AND ELECTRICITY.

With applications to electrolysis and electrolytic conduction. Three hours a week, with four hours laboratory work. (3.)

Department of Mineralogy

Professor SHARE.

101 and 102. MINERALOGY.

(a) First semester. Crystallography and Blowpipe Analysis. Crystallography: Study of crystal models and natural crystals; use of the goniometer. Blowpipe Analysis: Use of the blowpipe, analysis of prepared mixtures. (b) Second semester. Descriptive and Determinative Mineralogy: Physical and chemical characteristics of the common minerals; determination of minerals by the aid of the blowpipe and physical and chemical tests. Three hours a week; laboratory, two hours a week. Each semester. (3.)

103. METALLURGY.

Treatment of ores by furnace, wet and electrolytic methods. (3.)

Department of Fine Arts

Professor WHITTAKER, Mr. THAYER, Miss KRAMLICH,
Miss MORSE.

101. THEORY OF MUSIC.

A course in harmony. (Omitted in 1912-13.) (3.)

102. THEORY OF MUSIC.

Advanced Harmony and Counterpoint. (3.)
(Omitted in 1912-13.)

NOTE.—*The following courses are prescribed only for students in the Normal School.*

1, 2. CAST DRAWING AND FREEHAND PERSPECTIVE.

Study of light and shade, values and vanishing of lines and objects. Modeling in clay—type forms. Professor WHITTAKER.

3, 4. INSTRUMENTAL DRAWING.

Projection drawing, plane sections, developments and the constructing of working drawings.

5, 6. LINEAR PERSPECTIVE.

Application to interiors and landscapes. Professor WHITTAKER.

7, 8. PAINTING.

In all mediums, from still life and the living model. Professor WHITTAKER.

9, 10. SKETCHING.

Figure studies. Action, proportion and expression. Composition and design. Illustration. Professor WHITTAKER.

11, 12, 14. DRAWING AND COLOR WORK.

Freehand and blackboard drawing, water-color, perspective and design, sketching from Nature and objects. Normal School. First year, twice a week; second year, once a week. Miss MORSE.

17, 18, 20. VOCAL MUSIC FOR TEACHERS.

Voice culture, sight-reading and transposing. Method in Kindergarten songs and marches. Expressive use of voice and piano. Normal School. First and second years, one hour a week. Miss KRAMLICH.

Adelphi Normal School and Art School

Officers of Instruction and Government

CHARLES HERBERT LEVERMORE, *Ph. D.*, *President*

JOHN BARNARD WHITTAKER,
*Dean of the Art School and Professor of Painting and
Drawing*

ANNA E. HARVEY,
*Professor of Froebelian Theory and Methods. Dean of
the School for Kindergartners and Secretary of the
Faculty*

ELIZABETH VENABLE GAINES, *M. A.*,
Professor of Biology

ERNEST NORTON HENDERSON, *M. A., Ph. D.*,
Professor of Education

ANNIE MARION MACLEAN, *Ph. D.*,
Professor of Sociology

E. HELEN HANNAHS, *B. A.*,
Assistant Professor of Education and Psychology

ISABEL DIX FISHER,
Director of Physical Training for Women

HELEN LORENA DEMAREST,
Assistant in Physical Education

BRUNO ROSELLI, *Ph. D.*,
Instructor in the History of Art

ANNA GERTRUDE MORSE,
Instructor in Manual Training and Drawing

N. LOUISE ROETHGEN, *B. A.*,
Instructor in Methods

ADAH B. CONNER,
Instructor in Vocal Music

MARY WOOD WHITTAKER,
Instructor in Drawing

Admission to the Normal School for Kindergartners

Candidates for admission to this School who wish to become candidates for its diploma must either pass examinations upon the subjects required for admission, or must present satisfactory certificates from a school that is approved by the Faculty. The requirements for admission to the Normal School either by examination or certification are identical with the requirements for admission to Adelphi College.

The *Examinations for Admission* are identical with those for admission to the College in *June, September and January*.

Candidates for admission to the training courses for Kindergartners must also satisfy the Dean of that school that they are competent to study kindergartening with a prospect of success. The Dean always reserves the right to reject the application of any candidate who may possess all the scholastic requirements for admission, but who does not give evidence of probable fitness for dealing with very young children.

Candidates for admission to the Normal Art Course must also be prepared to pass an examination in Drawing under the direction of the Dean of the Art School.

Persons who wish to study in the Normal School without becoming candidates for its diploma must, with the approval of the Dean, present satisfactory evidence of preparation to enter the classes which they elect.

Requirements for Graduation from the Normal School

Students who perform all the required work in the Normal course, who possess personal fitness for teaching and who give satisfactory evidence of proficiency and ability, will receive from Adelphi College a diploma certifying to their attainment. The course of studies for this diploma extends through two years. This course has received the approval of the Department of Public Instruction in New York City and also of the New York State Education Department at Albany.

The extent of the course of study may be learned in the description of studies and in the following conspectus of studies for each division of the Normal School. It should be observed that students who are found to be deficient in oral or written English will be required to show satisfactory improvement in those subjects before they can receive the diploma.

Students who hold a Regents' diploma or its equivalent and the diploma of the Normal School for Kindergartners are eligible to enter the examinations for license to teach as Kindergartners in the New York City Public School System.

Students who hold the diploma of the Normal School for Art Teachers and who have had three years of experience in teaching Art are eligible to enter the examinations for licenses to teach art in the New York City Public School System.

For further information concerning the Normal Course for Kindergartners address the Dean, ANNA E. HARVEY, Adelphi College; and for further information concerning the Art School Classes address the Dean, JOHN B. WHITTAKER, Adelphi College.

Conspectus of Required Studies in the Normal School for Kindergartners

Roman numerals indicate the division in which the course is enumerated in the "Description of Studies;" Arabic numerals give number of course.

First Year	Second Year
CLASS-ROOM WORK IS SUBSTANTIALLY AS FOLLOWS:	IN THE FIRST SEMESTER 270 HOURS ARE DEVOTED TO PRACTICE TEACHING. CLASS-ROOM WORK FOR EACH SEMESTER IS SUBSTANTIALLY AS FOLLOWS:
Modern History and History of Education, I, Educ. 117, 118, 3 hours weekly.	Psychology, I, Psych. 5, 6; 3 hours weekly.
Psychology, I, Psych. 3, 3 hours weekly.	Sociology, I, Sociol. 2, 2d Sem., 3 hours weekly.
Zoölogy and Botany, III, Biol. 1, 2; 5 hours weekly.	Music, III, Fine Arts 20, 1 hour weekly.
Music, III, Fine Arts, 17, 18; 1 hour weekly.	Drawing, III, Fine Arts, 14; 1 hour weekly.
Drawing, III, Fine Arts, 11, 12; 1 hour weekly.	Froebelian Theory and Methods:
Kindergarten Principles with Practical application:	Froebel's "Education of Man," I, Educ. 110, 2d Sem.
Gifts and Occupations.	Froebel's "Autobiography and Pedagogics," 1, Educ. 112, 2d Sem.
I, Educ. 19, 20;	Froebel's "Mother Play," 1, Educ. 115, 116.
Games and Stories, I, Educ. 21, 22;	Program.
Froebel's Mother Play, I, Educ. 114.	Gifts and Occupations, I, 19, 20;
Observation.	Games and Stories, I, 21, 22;
Gymnasium, 2 hours weekly.	Nature Methods, I, Educ. 15,
	Primary Methods, I, Educ. 16, 2d Sem., 1 hour weekly.
	Observation.

10 hours weekly.

Conspectus of Required Studies in the Normal School for Art Teachers

Roman numerals after title indicate the division in which the studies are grouped in the "Description of Studies"; Arabic numerals give number of course.

The department of Fine Arts, Div. III, includes all courses excepting those that are otherwise indicated.

First Year	Second Year
Cast Drawing and Clay Modeling, III, 1, 2; 4 half-day sessions.	Cast Drawing III, 1, 2; 1 half-day session.
Free-hand Perspective, III, 5, 6.	Free-hand Perspective and Sketching, III, 9, 10, 5, and 6; 2 half-day sessions.
Sketching and Composition, III, 9, 10; 3 half-day sessions.	Composition, 2 half-day sessions.
Instrumental Drawing, III, 3, 4; 1 half-day session.	Water-color, III, 7, 8; 2 half-day sessions.
Elementary Manual Training, with Methods, 3 hours weekly.	History of Art, I, History, 119, 120; 3 hours weekly.
Psychology, I, Psych. 3, 3 hours weekly.	Special Methods in Drawing, 3 hours weekly.
Modern History and History of Education I, Educ., 117, 118; 3 hours weekly.	Educational Psychology and Methods of Education, I. Educ., 101, 102, 103, 104; 4 hours weekly.

Tuition Fees:

The fee for tuition is the same in each of the Normal Courses, viz.; fifty dollars per semester. In the Normal Course for kindergartners there is no extra charge for kindergarten materials.

A Course of Studies in Domestic Sociology

The Faculty of the Normal School for Kindergartners offers instruction in a group of studies, chosen principally from the departments of Biology and Chemistry, Philosophy and Education, History and Social Science. These studies should be particularly valuable to young women who have completed the usual secondary training, and have not decided to study for a collegiate degree, but wish to be helpful in various forms of social service and more efficient in the life of the home.

Graduates of recognized high schools and academies may be admitted to this course upon the evidence of their diplomas. Persons who are at least eighteen years of age and give evidence of sufficient maturity, ability and seriousness of purpose to profit by the studies in the course may be admitted to any class, and permitted to continue in it provided that the work done by them is satisfactory.

Students who wish to take single studies in the course as outlined, may be allowed to do so. Those who complete a course of at least two years in extent with a satisfactory credit of sixty hours of work will be entitled to receive a diploma certifying to their attainments. No student will be allowed to take studies calling for more than fifteen hours of class-room work per week, unless by special permission of the Faculty. Nearly all the studies offered in these courses are credited towards a degree by Adelphi College, and can be offered for that purpose by matriculated students.

The fees for the tuition in the classes in this course are six dollars for each semestral hour or point.

Course in Domestic Sociology

Description of Studies according to Departments.

(The numbers in parentheses refer to the classification in the College Catalog.)

Department of Biology

1. GENERAL BIOLOGY (Biology 3 and 4).

A study of animal and plant forms for the purpose of learning fundamental biological facts and principles. The adjustment of organisms to environment.

2. PERSONAL HYGIENE (Biology 1).

Infant Hygiene. Contrasts between the physiological systems of the infant and adult. Nutrition, clothing and environment incident to these conditions. Causes and prevention of infant mortality.

The hygiene of childhood. Effect of physical conditions on the mental and moral development of the child. The hygiene of the special senses. Hygiene of adolescence and youth. Its social, racial and ethical relations.

The Hygiene of Middle Age and Old Age. The preservation of health.

Household Hygiene, sanitation. Household Bacteriology.

3. FOOD AND DIETETICS (Biology 108).

Composition and nutritive value of foods. Dietary standards. Common sense in diet. Food preservatives and adulterations. Legislation on foods. The feeding of infants and children.

4. BIOLOGY (Biology 105 or 3).

A study of animal and plant forms for the purpose of learning fundamental biological facts and principles. The Life Cycle. The interdependence of organisms. The adjustments of organisms to environment. Process of evolution.

5. BIOLOGY 106.

The mechanism of heredity. Mendelism. The observable results of inheritance. Nature and nurture. The elimination of the unfit.

Department of Household Arts

1. HOUSEHOLD MANAGEMENT (.....).

Laboratory study of household equipment. Marketing. Servants. Furniture. (Not offered in 1912-13.)

2. HOUSEHOLD ART AND DECORATION (.....).

The Aesthetic in home life. Comparison of the usages and principles in vogue among different races. Historical review. Importance of Beauty, Utility, Simplicity and Harmony. Use of Roof, Windows, Lawns, Gardens, Trees, Flowers and Animal Life. (Not offered in 1912-13.)

Departments of Physics and Chemistry

1. THE PHYSICS OF DAILY LIFE (Physics 1).

Study of the chemical elements most closely related to daily life. The air and ventilation. Pure water and the city water supply. Heat and heating systems. Light and its relation to eye-sight. Illumination. The disposal of wastes. Plumbing.

2. THE CHEMISTRY OF DAILY LIFE (Chemistry....).

The chemistry of digestion. Metabolism. The different classes of foods. Purity tests. Principles underlying the preparation of foods. Fermentation. Stimulants. Preservation of foods. Antiseptics and disinfection.

Department of Philosophy

1. INTRODUCTORY COURSE IN PSYCHOLOGY (Psychology 3).
 2. PSYCHOLOGY OF THE CHILD (Psychology 5 and 6).
The Physical and Mental growth of children.
 3. METHODS OF STUDYING NATURE (Education 15).
 4. FROEBEL'S PHILOSOPHY IN THE "MOTHER-PLAY"
(Education 114, 115, 116).
Home occupations for children.
 5. FROEBELIAN THEORY AND METHODS (Education 112).
Study of kindergarten gifts, games, stories and Nature-work with reference to their adaptation to child-nature and its developments.
 6. ETHICS (Philosophy 102).
The psychology of the moral life. Problems in ethics.
-

Department of History and Social Sciences

1. MEDIAEVAL HISTORY (History 1 and 2).
The origins and development of modern political, religious and social institutions. The conflicts of the Renaissance period.
2. THE FRENCH REVOLUTION AND ITS CONSEQUENCES
(History 101).
3. THE ELEMENTS OF SOCIOLOGY (Sociology 101, 102).
A synthetic view of social phenomena and an analysis of social institutions. The nature of the State. The character and history of the Family. The function of the Church.

4. OUTLINES OF POLITICAL ECONOMY (Economics 101).
A study of principles and their applications.
 5. INDUSTRIAL HISTORY (.....).
The resources of principal nations. The controversies between laborers and employers. Coöperative Societies. Guilds and trade-unions. (Not offered in 1912-13.)
 6. HISTORY OF THE FINE ARTS (History 119 and 120).
Architecture, Sculpture and Painting. Principles of Aesthetic Criticism.
 7. MODERN CITIES (Sociology 110).
A study of development, with special reference to American municipalities, their physical conditions, public services, political, industrial and social groupings.
 8. THE FAMILY AS AN INSTITUTION (.....).
History of the Family. Marriage and Divorce. The Moral and Religious Training of Children. (Not offered in 1912-13.)
-

Department of Literature

1. GREEK AND ROMAN LITERATURE IN ENGLISH (Greek 117, 118).
Influence of ancient masterpieces. Comparison of translations with the originals. The Greek Drama and the Greek and Roman Epics. The influence of the Christian Fathers in Literature. (Not offered in 1912-13.)
2. MODERN COMPARATIVE LITERATURE (.....).
A study of the masterpieces of other literatures than the English. Comparison of translations with originals. Dante, Cervantes, Moliere, Victor Hugo, Goethe, Shakspeare, Milton, Emerson. (Not offered in 1912-13.)

Two Years' Course—SCHEDULE OF CLASSES.**FIRST YEAR****1st Semester
Prescribed Studies**

	Hrs.
Physics of Daily Life..	3
Sociology 101.....	3
Elementary Psychology	3, 3
Froebelian Philosophy..	1
Personal and Household	
Hygiene Biology 1..	3
—	13

Optional Studies

General Biology 3.....	3
Mediaeval History 1....	3
Comparative Literature	
117	3
Methods of Studying	
Nature, Education 15.	1
—	10

**2d Semester
Prescribed Studies**

	Hrs.
Chemistry of Daily Life,	3
Sociology 102	3
Mediaeval History 2....	3
Mother-Play, Education	
114	1
Food and Dietetics, Bio-	
logy 108	3
—	13

Optional Studies

General Biology 4.....	3
Comparative Literature	
118	3
—	6

SECOND YEAR**Prescribed Studies**

	Hrs.
Mother-Play, Education	
115	1
Child Psychology 5.....	3
General Biology, Biology	
105 or 3	3
—	7

Optional Studies

History of the Fine	
Arts, History 119....	3
Political Economy 101..	3
The Family as an Insti-	
tution: Moral and Re-	
ligious Training of	
Children	3
Modern Comparative	
Literature	3
History of French Revo-	
lution, History 101 or	
Industrial History ...	3
—	15

Prescribed Studies

	Hrs.
Froebel Theory and Me-	
thods, Education 112.	3
Mother-Play, Education	
116	1
Child Psychology 6....	3
Heredity; Biology 106..	3
—	10

Optional Studies

History of the Fine	
Arts, History 120....	3
Modern Cities, Sociology	
110	3
Ethics, Philosophy 102..	3
Modern Comparative	
Literature	3
Household Art and Decor-	
ation	3
Household Management,	3
—	18

The Art School

The Adelphi Art School, as distinguished from the Normal School for Art Teachers, exists to provide instruction in drawing, painting and modeling for individual students who are competent to study and practice those arts. The Art School was first organized in September, 1872.

The School occupies the entire fifth floor of the College building. All the rooms are open daily from 9 A. M. to 4 P. M.

STUDENTS ARE ADMITTED TO THE ART SCHOOL AT ANY TIME during the College year. The calendar of the School is identical with that of the College.

Candidates for admission are required to give evidence of serious interest in the work. Students are permitted to continue in the School upon the same condition, and upon satisfactory conformity with the rules and requirements. THERE ARE NO RESTRICTIONS AS TO AGE.

Students must be registered in the Bursar's office as well as with the Dean.

The fee for tuition in the Art School is twenty-five dollars per semester.

Students in the Art School are admitted to all privileges of the College library and reading room. They may also, while students in the Art School, pursue one or more studies in either the Academy or the College, according to their maturity and proficiency, but for such studies they must pay the special student's tuition fee.

All instruction in the Art School is individual. Students may choose, according to predilection or ability, between the antique, still life, portraits, figure, charcoal.

pastel, oil and water-color, or they may include all these forms of art in their studies if time permits.

The Annual Exhibition is usually held on the last Friday and Saturday in May of each year. The drawings of the students are arranged in classes, and prizes are awarded in competition as follows:

For the best bust from the Antique.....	A silver medal
“ “ “ figure from the Antique.....	A gold medal
“ “ “ head from Life.....	A silver medal
“ “ “ figure from Life.....	A gold medal

In the class in painting a silver medal is awarded for the best draped figure from life, and a gold medal for the best nude figure from life. The student who is regarded as showing the greatest improvement during the year receives a silver medal.

The award of all prizes is made by a jury specially chosen for this purpose, which inspects the drawings and paintings upon exhibition. The prizes are presented to the winners during Commencement week. Those competitors whose work is regarded as next in excellence to that of the winner receive honorable mention.

In all classes in the Art School there is a monthly review of the work of the students and those subjects which deserve especial commendation receive a mark of honor.

The Sketch Club, an evening class, which was first organized in the winter of 1878, meets on Tuesday evenings from October to June. The hours of session are from 7.30 to 9.30. A costumed model poses. The object of the club is to study quick and illustrative drawing from the figure, and to develop ability to produce compositions from these sketches.

Summer Session

The Summer Session of Adelphi College will begin Monday, July 8, 1912, and will close Saturday, August 17. Summer Session courses will consist of three and four point courses, one point meaning 15 hours. No student may receive more than seven points' credit for Summer Session work.

All courses given in the Adelphi College Summer Session are approved by the State Department of Education and by the Board of Examiners of the New York City Department of Education.

Each student who satisfactorily completes the work of any course, including a final examination, may receive a certificate testifying to that fact. This certificate, if it covers the proper subject or subjects, will be accepted by the Department of Education of the City of New York as satisfying a part of the requirements for the license as principal of elementary schools, and for other higher licenses.

The tuition for each three-point course is \$15, and for each four-point course is \$20. All tuition is payable in advance at the Bursar's office in the College.

All persons who intend to take courses in the Summer Session are requested to send their applications to the Chairman of the Committee on Summer Session, if possible, before May 27, 1912. The schedule of classes will be arranged by June 1st, and will be sent to all who have registered.

A special circular concerning the Summer Session may be secured by addressing the Chairman of the Committee, Professor A. G. Fradenburgh, Adelphi College.

Courses for Teachers

From its beginning Adelphi College has maintained classes that meet in the late afternoon, the evening or on Saturday morning, for the especial benefit of teachers and other mature and qualified persons who may wish to study toward a degree without surrendering their positions in the schools or in other occupations. In these courses all the work of the College curriculum that is necessary in order to obtain a degree may be obtained in regular College classes within a reasonable limit of time.

These courses for teachers will not only count toward a degree, but may also be of service in meeting the requirements for promotion and higher licenses.

No student in Teachers' Courses may offer for credit in any semester more than the total number of points allowed for full work, viz.; either nine points in afternoon, evening and Saturday classes, or eighteen points in full residence.

Classes for teachers, whether during the usual academic year or in the Summer Session, are not what are often termed Extension Courses. They are conducted as regular College Classes with all requirements of attendance, recitation, examination and laboratory work that are imposed upon undergraduate students.

Persons who desire to enter any course, or courses, should register on or before Sept. 18, 1912, if possible. The schedule of classes will be ready about Sept. 25, and will be sent to all who have registered.

Teachers' Courses consist of 30, 45, 60 and 90-hour courses. All class exercises will be conducted upon the basis of sixty minute periods.

Sessions of all classes in Teachers' Courses will begin during the first week in October.

A special circular concerning the studies in Teachers' Courses in 1912-13 will be sent to any address upon application.

Equipment

Buildings.—The group of buildings now occupied by the College fills the entire end of the block between Lafayette Avenue and Clifton Place, upon St. James place. The main entrance of Adelphi College is on Clifton Place. The central building is an assembly hall, 50 x 72 feet, with sittings for about a thousand persons.

During the noon hour, daily, or from 11.40 to 2.00 o'clock, a warm luncheon can be obtained in a restaurant within the buildings.

The College building is served by an electric elevator. The buildings are admirably ventilated by a system of fans driven by electricity.

Convenient access to the buildings is provided by the Lexington Avenue Elevated R. R. (DeKalb or Greene Avenue Stations), or by the Greene, DeKalb, Franklin, Vanderbilt Avenue and Fulton Street electric cars.

The Library.—The Library now contains about fifteen thousand volumes, exclusive of unbound pamphlets, and receives sixty current periodicals. Students also have access to the large collections of the Public Library, which maintains a branch in the vicinity, and to the Pratt Free Library, which is only one block distant from Adelphi.

The Laboratories.—On the third floor of the College Building are the mathematical and physical laboratories.

The mechanical drawing room is well lighted and contains a collection of geometric models and machine types and an equipment for the study of surveying.

There are two laboratories for physics. The physics lecture-room is equipped with an electric projecting lantern and has seating capacity of one hundred.

The fourth floor is occupied by the departments of chemistry and biology. The department of chemistry possesses, besides a lecture-room and a weighing-room a *Main Laboratory*, a *Quantitative Laboratory*, an *Assay Laboratory* and a *Blowpipe Laboratory* for the work in mineralogy and blowpipe analysis. The lecture-room has seats for eighty students, and is provided, like the physics lecture-room, with a specially constructed electric projecting lantern, with attachments for horizontal, vertical and side projection, and special apparatus for the projection of microscopic objects.

In the rooms of the department of chemistry are exhibited the Mineralogical Collection, containing about two thousand specimens and a set of models of crystals. There is also a Geological Collection, including the representative fossils of all formations and large collections of the different kinds of rocks.

The biological laboratories are three in number and are well provided with facilities for botanical and zoölogical study, including dissecting and compound microscopes, a herbarium, mounting apparatus and various reagents, and a large amount of illustrative material, including a fine collection of type-vertebrate skeletons.

The Gymnasium and Playing Field.—The department of physical education is in charge of a Director, who is a physician. The classes for women-students are conducted by an assistant director who is a Normal graduate in physical training. The gymnasium contains, besides the dressing rooms and offices, three large rooms,

which in floor space extend from one side of the block to the other. The bathrooms include a new equipment of shower and needle baths. In the central gymnasium are found hand-ball courts and a basketball field.

A completely equipped athletic field is situated near the Crescent Avenue Station of the Lexington Avenue Elevated Road.

Honors and Prizes

Sarah Conselyea Baker Scholarship.—In 1902, Mrs. Charles R. Baker founded and endowed a free Scholarship in Adelphi College, in memory of her daughter, who was graduated from Adelphi Academy with the class of 1896.

Hayden W. Wheeler Memorial Scholarship.—In 1910, Mrs. Hayden W. Wheeler founded and endowed a free scholarship in memory of her husband, who was for twenty-seven years a trustee and for eleven years treasurer of Adelphi.

The Long Island High School Scholarship

Five scholarships in Adelphi College of the value of \$180 each are offered annually to those members of graduating classes in public and private High Schools on Long Island who show the highest proficiency in competitive examination upon subjects that may be presented for admission to the College. These scholarships are awarded for one year, but they are renewable for three successive years if the incumbents attain from year to year a record in character and scholarship which is satisfactory to the Faculty. The college authorities will consider the school record of each candidate.

Candidates for these honors must be not less than sixteen years of age. They must make application for admission to the examinations upon forms which may be obtained from the College, and each candidate must submit with the formal application a recommendation from the Principal of the school attended. Applications and recommendations must be in the possession of the Dean not later than May 24, 1912.

Candidates must present themselves for registration at the College, in the Dean's office, on Monday, June 3d, at 8.30 A. M.

Candidates must take written examinations in their chosen subjects, amounting to at least fifteen points in value. The examinations will be held at the College from Monday to Wednesday, June 3 to 5, 1912, inclusive.

If a student wins a free scholarship who is in a position to value the honor of the scholarship rather than the financial concession which accompanies it, such a student may, while retaining the honor, transfer the financial concession to some member of his or her class, recommended by the Principal and actually in need of such pecuniary assistance.

The Ossoli Prize.—This prize is offered annually for the best English essay written by a student in Adelphi College. The subjects are announced in May of each year for the competition during the year following, and the results of the competition are announced at Commencement time.

Barlow Medals.—In December, 1897, Mr. George Barlow, of Brooklyn, gave to the College the sum of \$5,000, to be known as the George Francis Barlow Fund, in honor of the donor's son, who was the valedictorian of

the Adelphi Academy Class of 1878. Part of the proceeds of this Fund is devoted to the maintenance of the Barlow Medals, which may be awarded in June of each year to that student in each division of the Junior College who has attained the highest rank in scholarship in all studies during the first two years of the College course. The remainder of the annual income from this Fund is devoted to the purchase of books, pictures and apparatus.

Honors are awarded at Commencement to those students in the graduating class who have shown unusual excellence in the work of any department during the Senior College course.

Student Self-Government

Each undergraduate in Adelphi College is a member of a student self-government association. There are three such associations, one for college women, one for the Art School, and one for students in the Normal courses. Each association has its own room and its own constitution and by-laws, which have received the approval of the Faculty. Its officers are elected by the members. It is the duty of the officers to enforce the rules of the association concerning attendance, deportment, the maintenance of the honor system and of a high standard of public opinion among the students. These associations manage the major part of the discipline of the institution. The honor system in recitation and examination has become fixed in the traditions of the College and is well sustained by student sentiment. The educational value of these associations is of course no more important than their ethical value.

Student-Aid

Whenever practicable, self-help is encouraged by student employment. Students who need aid should communicate with the president before October 1st in each year of the College course. A student applying for aid for the first time is required to present evidence in writing that he is worthy to receive assistance and that such help is necessary to enable him to continue his collegiate studies. Assistance will be withdrawn from students who are irregular in attendance, or who fail to maintain a reputable scholarship.

Alumni Organizations

1. ADELPHI COLLEGE ALUMNAE ASSOCIATION :

President, Helen Edmunds Redding, '01 ; Vice-President, Mrs. Nathan Lane, Jr., '00 ; Recording Secretary, Grace Delano, '07 ; Corresponding Secretary, Alice B. MacMary, '03 ; Treasurer, Martha Casamajos, '04.

2. ADELPHI COLLEGE ALUMNI ASSOCIATION :

President, Rudolph Seldner, '97 ; Vice-President, Mark S. Reardon, '05 ; Recording Secretary, John J. McDonald, '06 ; Corresponding Secretary, John H. Schaumloeffel, '08 ; Treasurer, Louis A. Chapple, '09.

3. ADELPHI NORMAL ALUMNAE ASSOCIATION :

President, Emma J. Heischmann, '09 ; Vice-President, Anna M. Sullivan, '05 ; Secretary, Helen P. Travis, '10 ; Treasurer, Grace E. Mills, '07.

Expenses

All tuition (except for the Summer Session) is payable semi-annually in advance at the Treasurer's Office, in the rooms of the Long Island Loan and Trust Company, at 44 Court Street, Brooklyn. The fees for the Summer Session are payable in advance at the Bursar's office in the College.

The fees for tuition in the various departments of the College are as follows:

In the Junior or Senior College, per semester	\$90.00
For students registered for single studies, per semestral course of three hours....	18.00
For Teachers registered in afternoon, evening or Saturday courses, per point....	5.00
In the Normal departments, per semester....	50.00
In the Art department, per semester.....	25.00
In the Summer Session, for a 2 or 3-point course	15.00
Special examinations, each	5.00
Laboratory fee, per year, in Biology	5.00
Laboratory fee, per year, in Physics	5.00
Laboratory fee, per year, in Chemistry	10.00

There are no extra charges in the College Course except for materials used in the laboratories, and a fee of five dollars to cover the cost of the final diploma. If breakage or use in the laboratories exceeds the amount of the laboratory fee an additional charge will be made to cover the excess. In the Normal department there is no extra charge for kindergarten materials.

After the first day of registration in each semester no student in the College may, unless compelled to do so, make any change in choice of options except upon payment of a fee of five dollars.

No deduction is made for absence. No student is received for less than one semester.

All candidates for the degree of Master of Arts are required to pay a tuition fee amounting to \$180, and, in addition, the usual diploma fee of five dollars.

Students in 'Teachers' Course classes who intend to become candidates for the Junior College Certificate are required to deposit with the Bursar, not later than June 1, a fee of three dollars.

On the bills for tuition in the first semester an opportunity is given to each student to become a subscriber to the student magazine. The subscription is one dollar and a half a year and is entirely voluntary. It is believed that every student should contribute to the maintenance of this representative of the student-body.

The College maintains a Book Room, where all text books and stationery may be purchased by the students.

The College provides accommodations for the outer wraps of the students and takes due precaution for the security of such articles, but it cannot be responsible for their safety.

The price of board and lodging in the neighborhood of Adelphi College is from \$7. a week upward. Table board can be obtained at prices ranging from \$5. a week upward.

Business communications may be addressed to The Bursar, Adelphi College, Brooklyn.

Gifts During the Year 1911

The following gifts to the College during the year 1911, are gratefully acknowledged:

1. MRS. A. FREDERICK BEHRE gave to the College securities having a par value of \$6,000, establishing therewith a fund whose annual income is to be employed under the direction of the Faculty in the assistance of worthy and deserving students. This fund is to be known as "The Caroline Mathilda Behre Scholarship Fund."

2. MISS REBEKAH CRAWFORD gave to the College, two boxes of minerals, containing four cases of Ward's collections; one box of fractional sections; one case of physiological charts; a framed picture of The Coliseum, and miscellaneous articles of interest including shells and shoes from Japan.

3. The first floor corridor and walls of the central stairway in the College Building were redecorated during the summer of 1911, by the FREDA M. BRUNN MEMORIAL COMMITTEE, the expense being met by special contributions for that purpose.

4. The College Women's Study Room, Room 50, was redecorated during the summer of 1911, at the expense of the COLLEGE WOMEN'S SELF-GOVERNMENT ASSOCIATION.

5. The following books have been presented to the Library:

Presented by GIRLS' HIGH SCHOOL EXTENSION LEAGUE.—Austen: Northanger Abbey; Austen: Pride and Prejudice; Edgeworth: Castle Rackrent; Mitford: Our Village; Radcliffe: Mysteries of Udolpho.

Presented by SALOMÓN DE LA SELVA.—Dario: Obras Eseguidas; poesias; Héricourt: La Higiene Moderna; Seche & Bertaut: Carlos Baudelaire.

Presented by CHAUNCEY M. DEPEW.—Depew: Orations, Addresses and Speeches, 8 vols.

Presented by ANSON R. GRAVES.—Graves: Farmer Boy Who Became a Bishop.

Presented by JOB E. HEDGES.—Hedges: Common Sense in Politics.

Presented by NEW YORK SOCIETY LIBRARY.—History of the New York Society Library.

Presented by NEW YORK LIFE INSURANCE COMPANY.—Hudnut: Studies in Practical Life Insurance.

Presented by LOUISE BOTH-HENDRIKSEN.—Lacroix: XVIII^{me} Siecle Lettres Sciences et Arts; Lacroix: Les Arts Au Moyen Age.

Presented by DR. ALBERT LEFFINGWELL.—Leffingwell: American Meat and Its Influence Upon the Public Health.

Presented by THE ROUND TABLE.—Maeterlinck: The Blue Bird.

Presented by E. F. MALOUBIER.—Maloubier & Moore: Helps for the Study of French.

Presented by THE CO-WORKER'S FRATERNITY OF BOSTON.—Parsons: Legal Doctrine and Social Progress.

Presented by RUDOLF TOMBO, SR.—Salomón: Die Geschichte Eine Geige, with Notes by Rudolf Tombo.

Presented by THE COLLEGE COMMITTEE OF THE NATIONAL LEAGUE FOR THE CIVIC EDUCATION OF WOMEN.—Seawell: The Ladies' Battle.

6. The College gratefully acknowledges the payment of subscriptions to its Endowment Fund up to March 1, 1912, amounting in value to \$32,512.57, by the following contributors:

Lyman Abbott, Abraham & Straus, Eugene C. Alder, Ruth Allaire, John C. Allen, Adelphi College Alumni Association, Francis Arming, Anna F. Anderson, Mrs. M. W. Aston, Women Students' Athletic Association, Frank G. Atwater, Jennie J. Ayer.

Baroness Alice Bachofen von Echt, Emilia Balbin, Margaret Barclay, Helen R. Barnes, M. S. Barnes, Basket Ball Game Proceeds, Jerome E. Bates, Mabel Bath, Marie L. Bayer, Florence E. Becker, Katherine Beckman, William C. Beecher, E. Behr, Mrs. A. F. Behre, Mabel R. Benway, A. Samuel Berquist, Gertrude E. Betsch, Mrs. L. E. Blair, Thomas Blankley, Margaret E. Blank, Ella A. Boole, M. J. Bradley, Mrs. P. J. Brady, Jacob Brenner, Grace Broadhurst, A. Buchanan, Mr. and Mrs. Wendell T. Bush, Mary E. Butterick, Edward J. Byrne, John B. Byrne.

R. M. Cahoone, Anna Case, Cash, A. B. Chandler, Mrs. John W. Chapman, Mrs. J. K. Charles, A. Eugenie Chinnock, Class of 1907, Class of 1908, Anna E. Clemency, Joseph Cohn, Collection (Mrs. Fradenburgh, Mrs. Germann, Miss Perkins, Mrs. McDonald), Collection (H. W. Robbins, G. B. Germann, E. W. Oliver, Charles Perrine, Mrs. Ferguson), George R. Comings, Jeannette Comstock, Frederick E. Crane, Esther M. Crockett, Jane N. Cushman, Mary Allerton Cushman.

Milton J. Davies, Arthur H. Delano, Charles F. Delano, Edith Delano, Harold Delano, Susan Delano, Delta Gamma, Mrs. S. B. Duryea.

Katherine F. Eriksen, Agnes England, Isabel A. Ennis, Mrs. Mary J. Evans.

Mabel Farr, William L. Felter, Anna H. Fink, Mrs. Francis Fisher, Kate F. Fowler, "Bob" Fradenburgh, Miriam Fradenburgh, Five Friends, Anna Frost.

M. H. M. Geiss, Mr. and Mrs. Otto Goepel, J. Goldberg, Fred C. Gross.

E. M. Hadley, Stansbury Hagar, Ethel R. Hall, Katherine F. Harding, Arthur M. Harris, Theresa H. Haskins, Laura Haugegaard, Ida M. Henry, Gustave Heubach, E. W. Hill, Frank P. Hill, Mrs. John Hills, Charles T. Hoogland, Ralph C. Houchin, W. D. Hoxie, William S. Hughes.

George S. Ingraham, Louis Isenburger.

E. E. Jackson, Jr., George Jacobus, Dr. Charles L. Johnston, Ralph Jonas, H. A. Jordan.

Lottie Ulrich Kammer, Kappa Alpha Theta, James I. Kelly, A. M. Kennedy, Clarence Kenyon, George W. Kenyon, Elizabeth Kinkel, Anna S. Knapp, Bertha Knoche, Rosa Kobelt, Harry Kuenemann, Julia Kuenemann, August Kuhnla, Mrs. A. Kuhnla, Ernestine Kuhnla, Mrs. M. Kutz.

Florence Lampe, H. L. Langhaar, Charles D. Larkins, Charles Lauber, T. L. Leeming, David G. Legget, Charles Herman Lehrenkrauss, Julius Lehrenkrauss, George C. Leverich, Charles H. Levermore, Julius Liebmman, E. B. Linikin, Frederick Loeser & Co., Mrs. Stephen Loines, May Louria, Albert J. Lyman.

Marjorie Macdowell, Mrs. M. B. Marks, William W. Marshall, H. M. Martin, Shirley Martin, Elizabeth Mercelis, Rud. H. Meyer, Lydia A. Miller, Robina Murray.

Fannie Nearing, Mrs. M. E. Newby, Normal Kindergarten Classes 1910, 1911, 1912.

J. R. Oeland, Leslie M. Ogden, M. F. Ogden, F. W. Osborn, Emily Overbeck, John Overbeck.

Jose Pando, Mary F. Parsons, Isabel P. Pashley, Charles Peabody, S. P. Porter, James H. Post, T. Powers, Anna Pritchard.

Frances M. Quinlan, Grace M. Quinlan.

Mrs. J. A. Radcliffe, William P. Rae, Jessie H. Righter, Henry Rohland, Hermia Ross.

John F. Saddington, Alex. Schmidt, W. S. Schneider, William Schutz, Louise Schriefer, Scholarship Students of Former Years, Herbert W. Scott, Mrs. E. C. Seed, Herman Sharlit, Annie M. Shaughnessy, Irene F. Shaughnessy, R. A. Shaw, James Shevlin, Mrs. G. C. W. Schiff, F. W. Simpson, Chloe M. Skilton, Frances A. Smith, William H. Smith, Charles P. Solomon, Bella Spiero, J. E. Stannard, Bessie Stauderman, Ellen Yale Stevens, Ethel Stevens, Grace L. Sturdevant, Leah Sturdevant, Bertha A. Swezey.

Alwin Thaler, Evelyn F. Thompson, Beatrice S. Thorne, Lewis M. Thornton, William Thornton, Tortoise Club, Treasure Trove, Kate G. Turle, G. A. Tuthill, Mabel K. Twaddell.

Henry Von Glahn & Son.

M. A. Ward, Mrs. H. W. Wheeler, Marion White, William H. White, Edith Whitney, J. Eugene Whitney, E. J. Williams, George A. Williams, J. E. Wilson, L. B. Wilson, Marguerite Winant, Women's Athletic Association.

ADELPHI COLLEGE

Divisions and Schools

1. Division of History and Philosophy
DEGREE B. A.
2. Division of Languages and Literatures
DEGREE B. A.
3. Division of Mathematics and Sciences
DEGREE B. A.
4. Normal School for Kindergartners and Art Teachers
5. Art School
6. Adelphi Academy

FOR CIRCULARS OF INFORMATION, ADDRESS

THE PRESIDENT'S OFFICE

ADELPHI COLLEGE, BROOKLYN

UNIVERSITY OF ILLINOIS-URBANA



3 0112 071841735